

FIG. 3

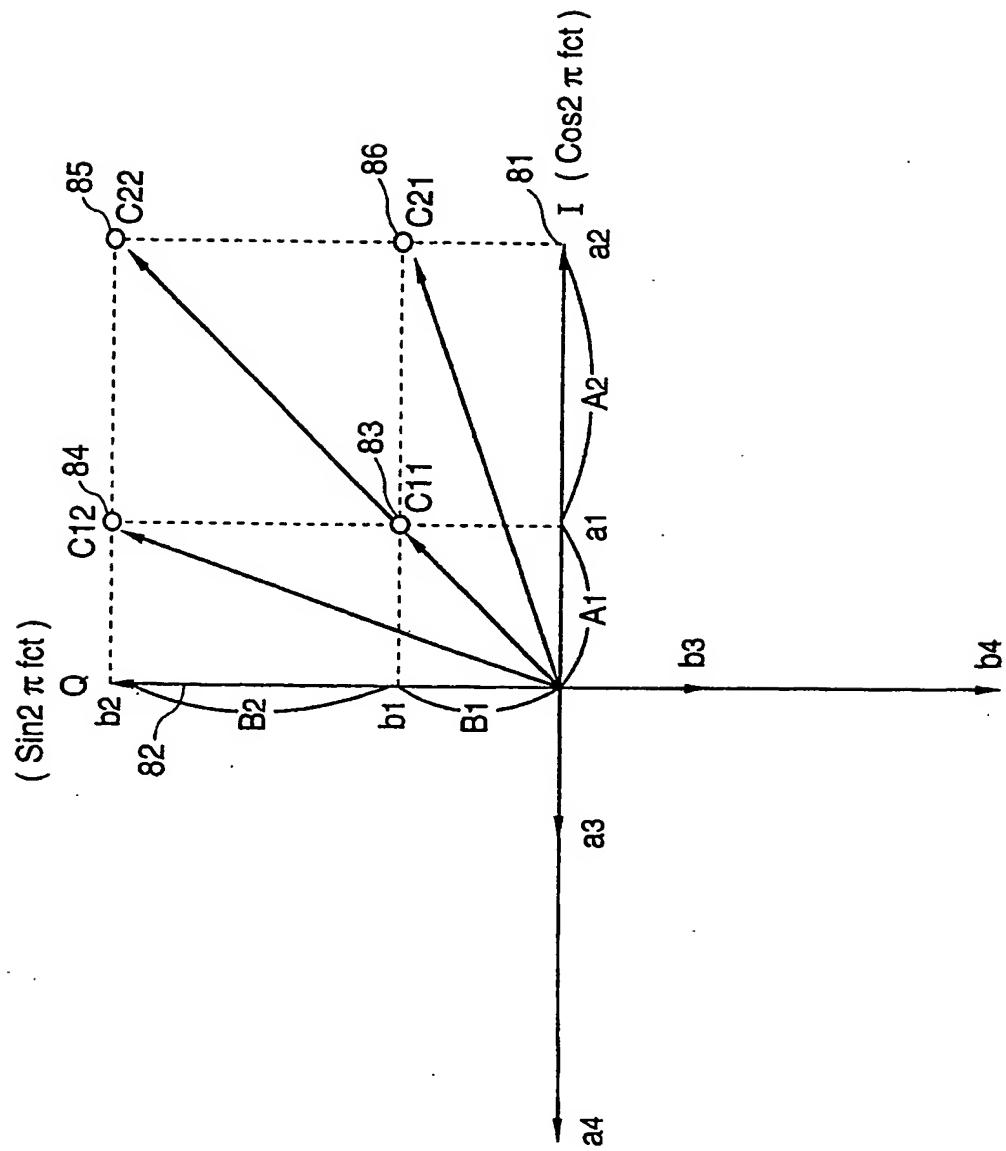


FIG. 4

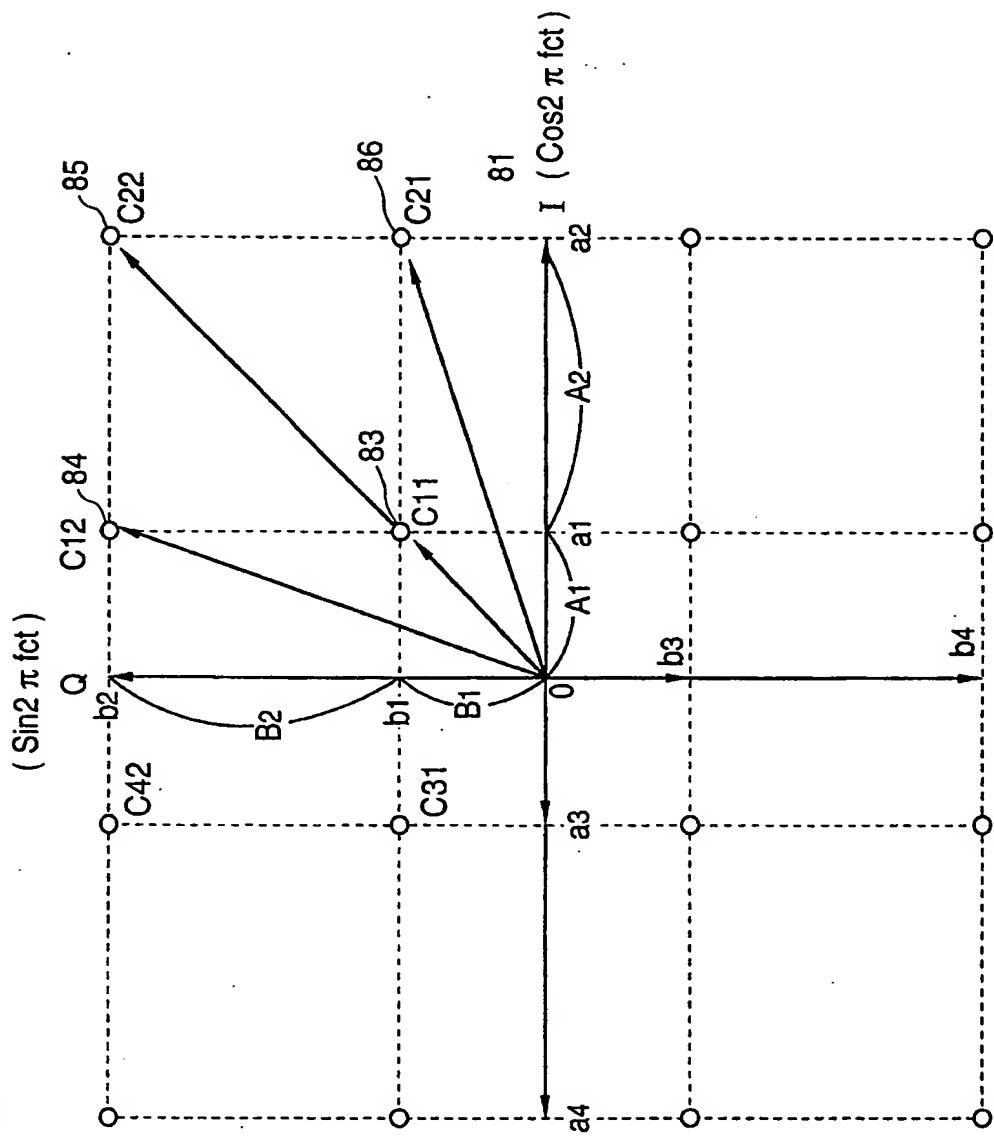


FIG. 5

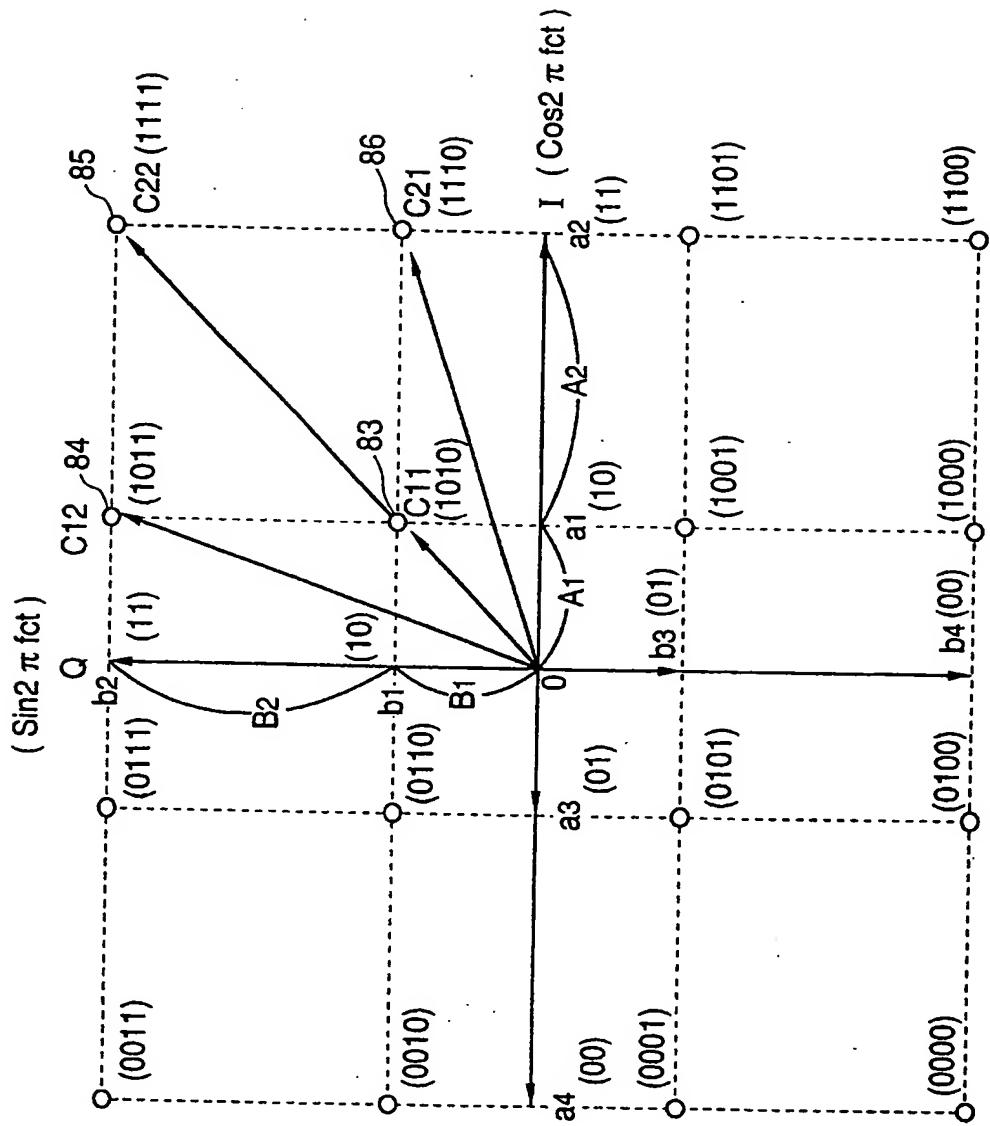


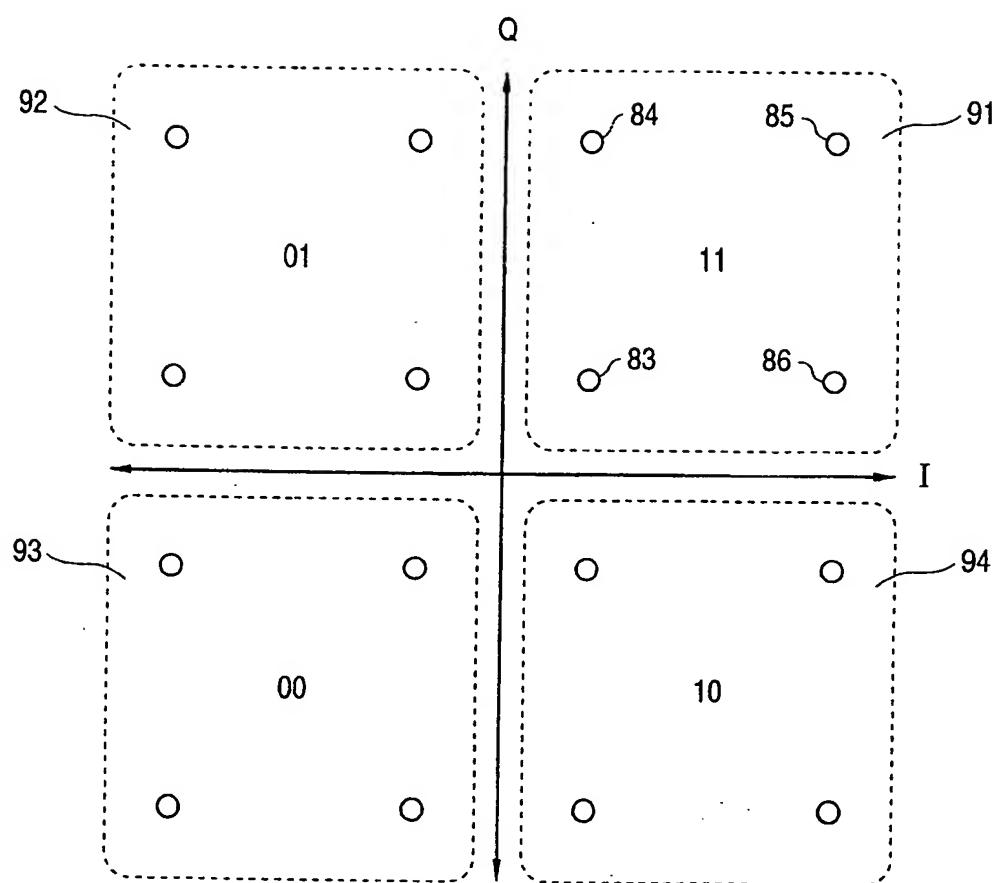
FIG. 6

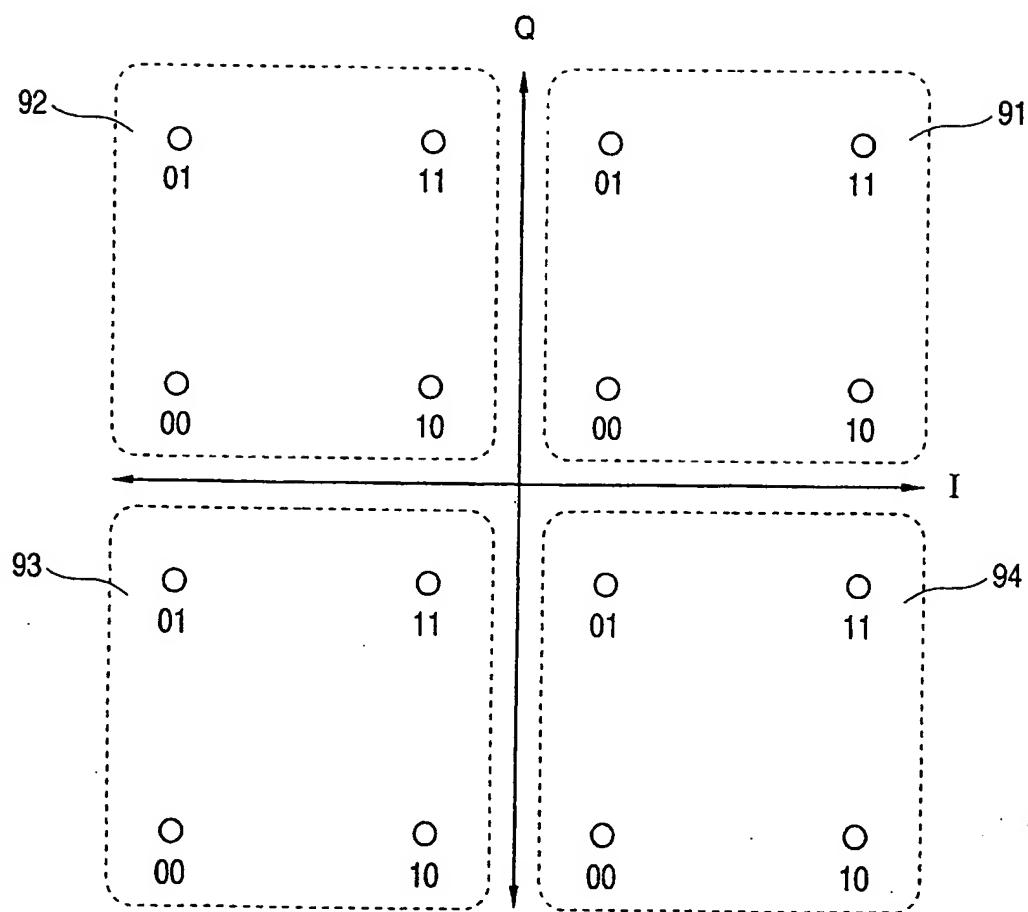
FIG. 7

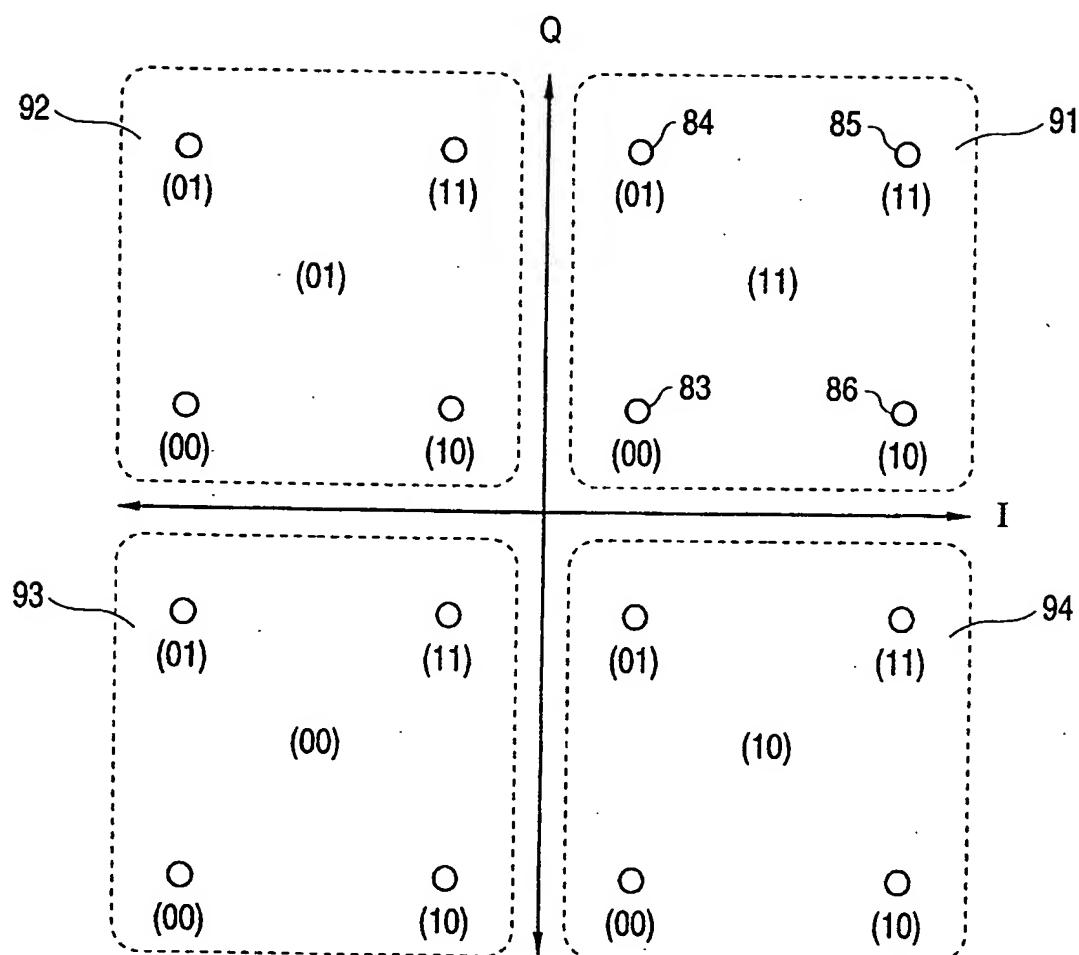
FIG. 8

FIG. 9

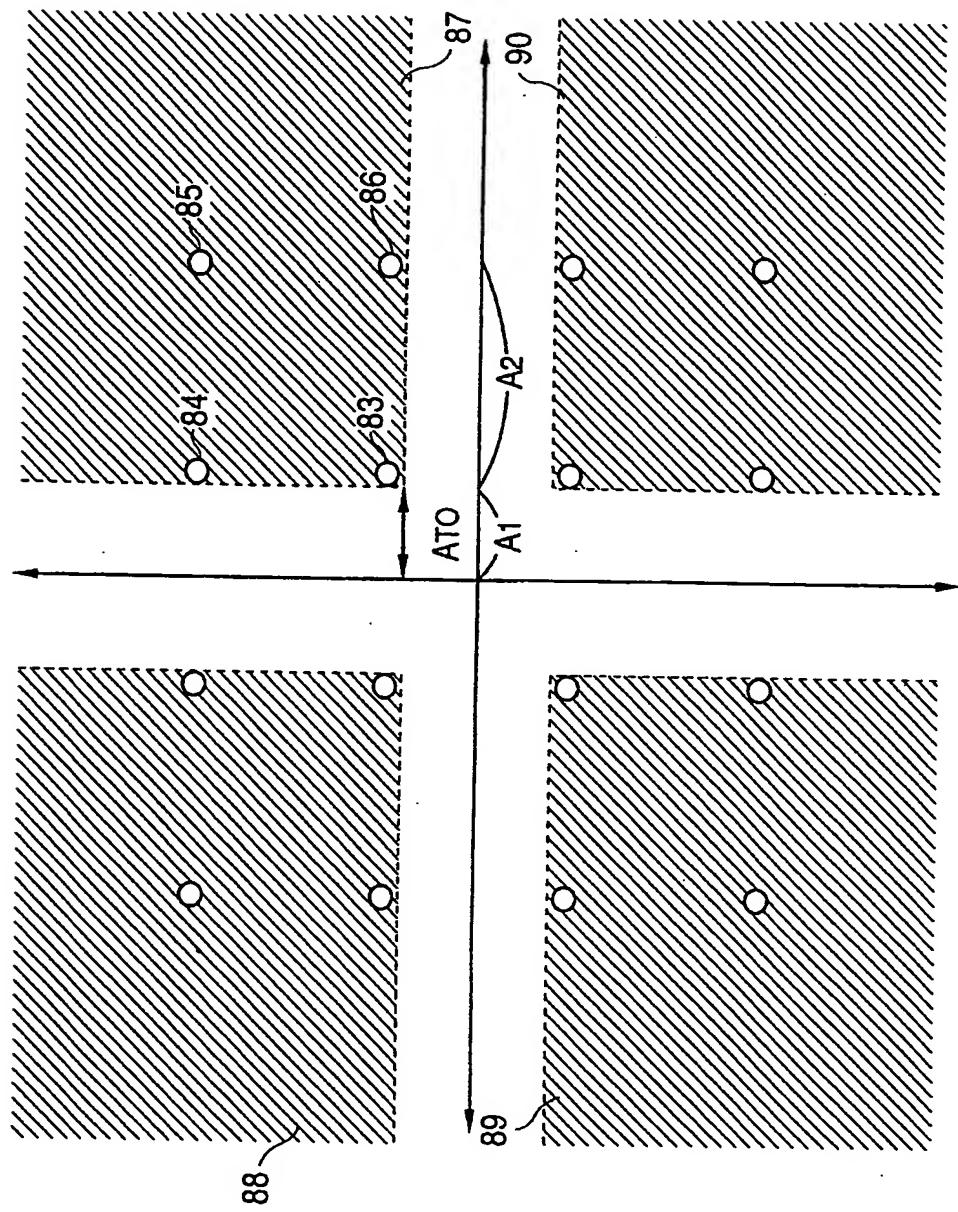


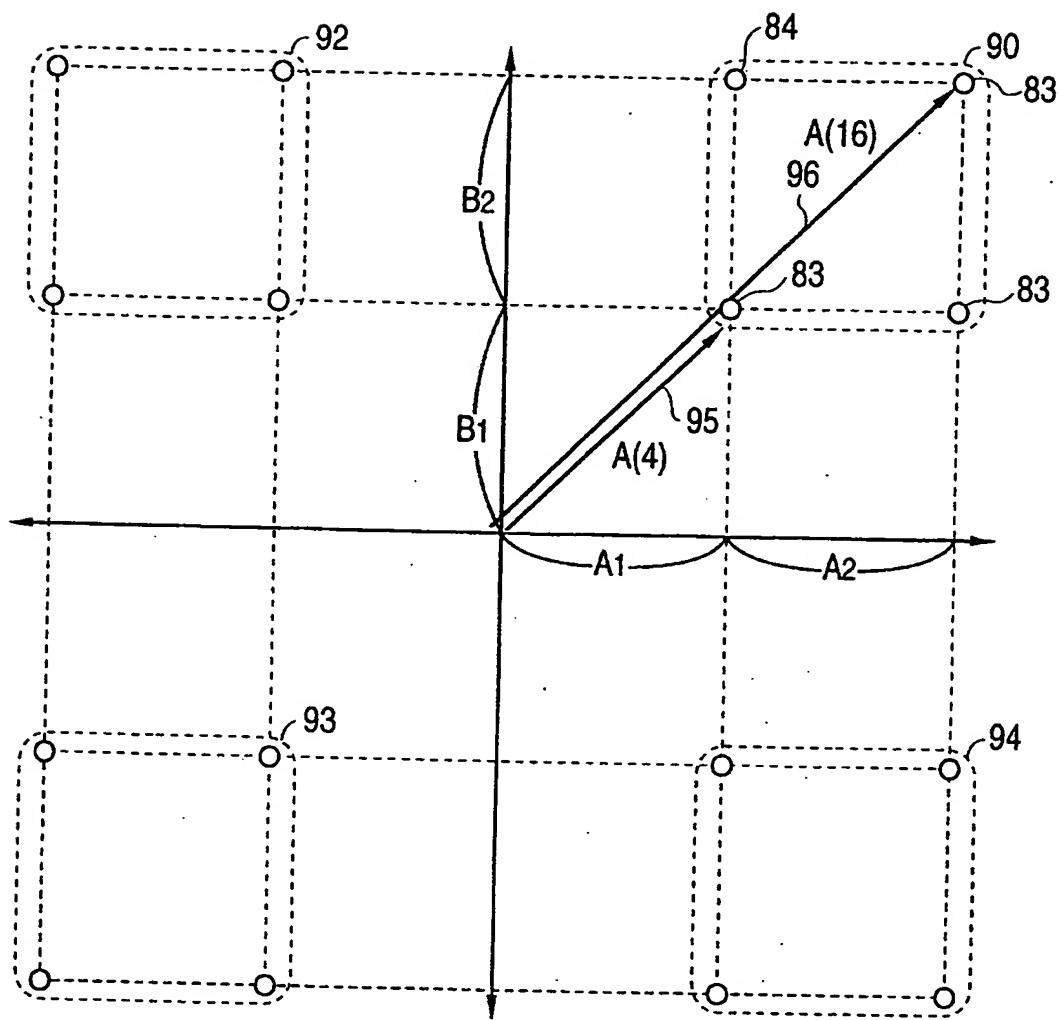
FIG. 10

FIG. 11

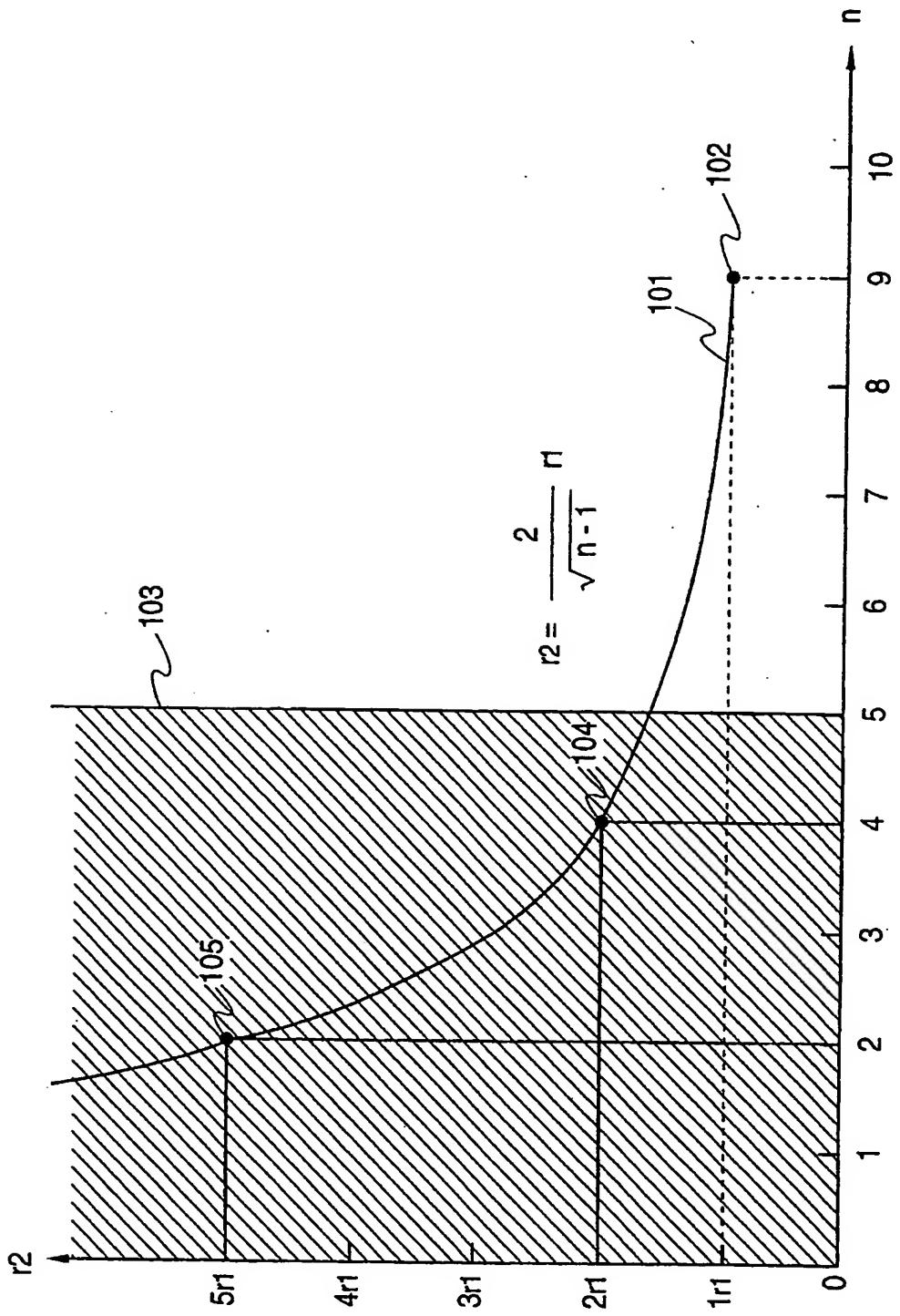


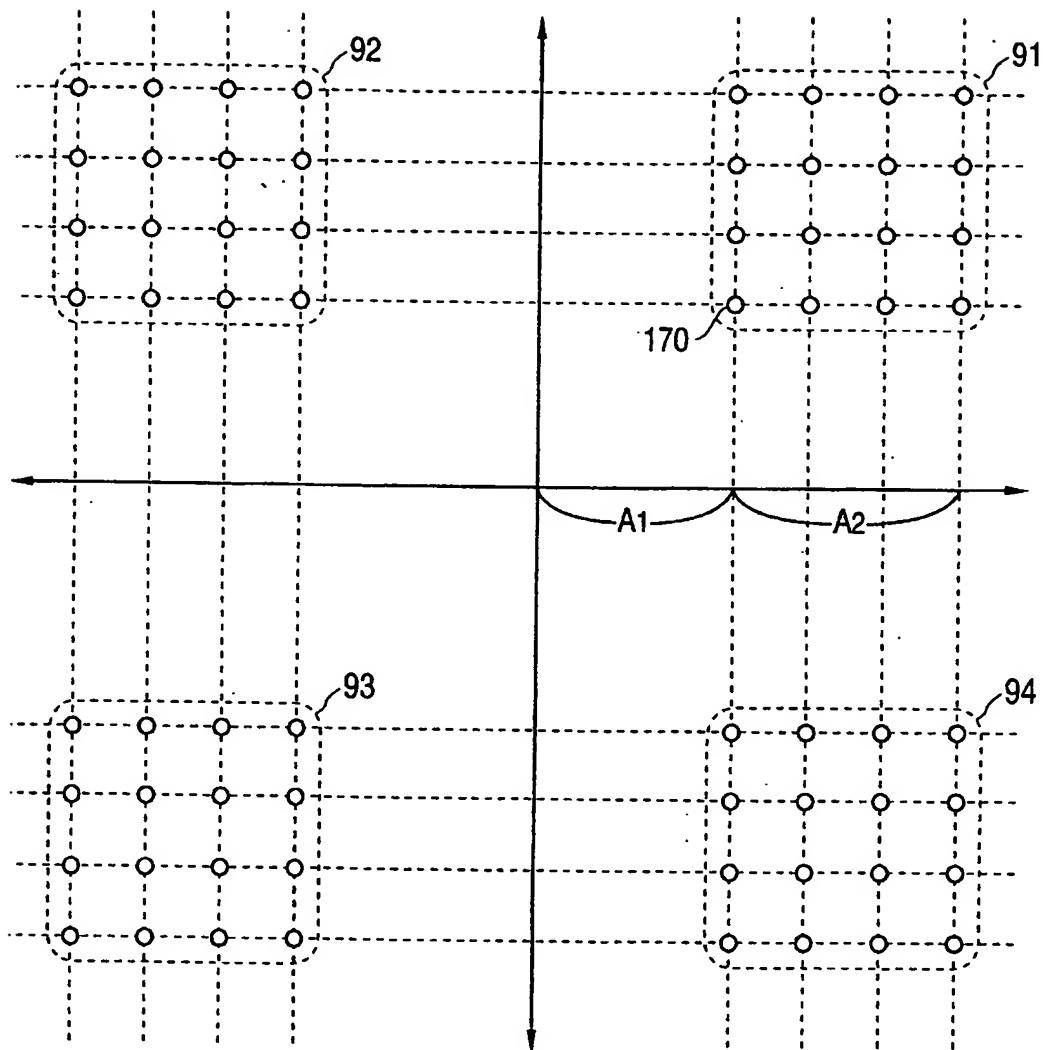
FIG. 12

FIG. 13

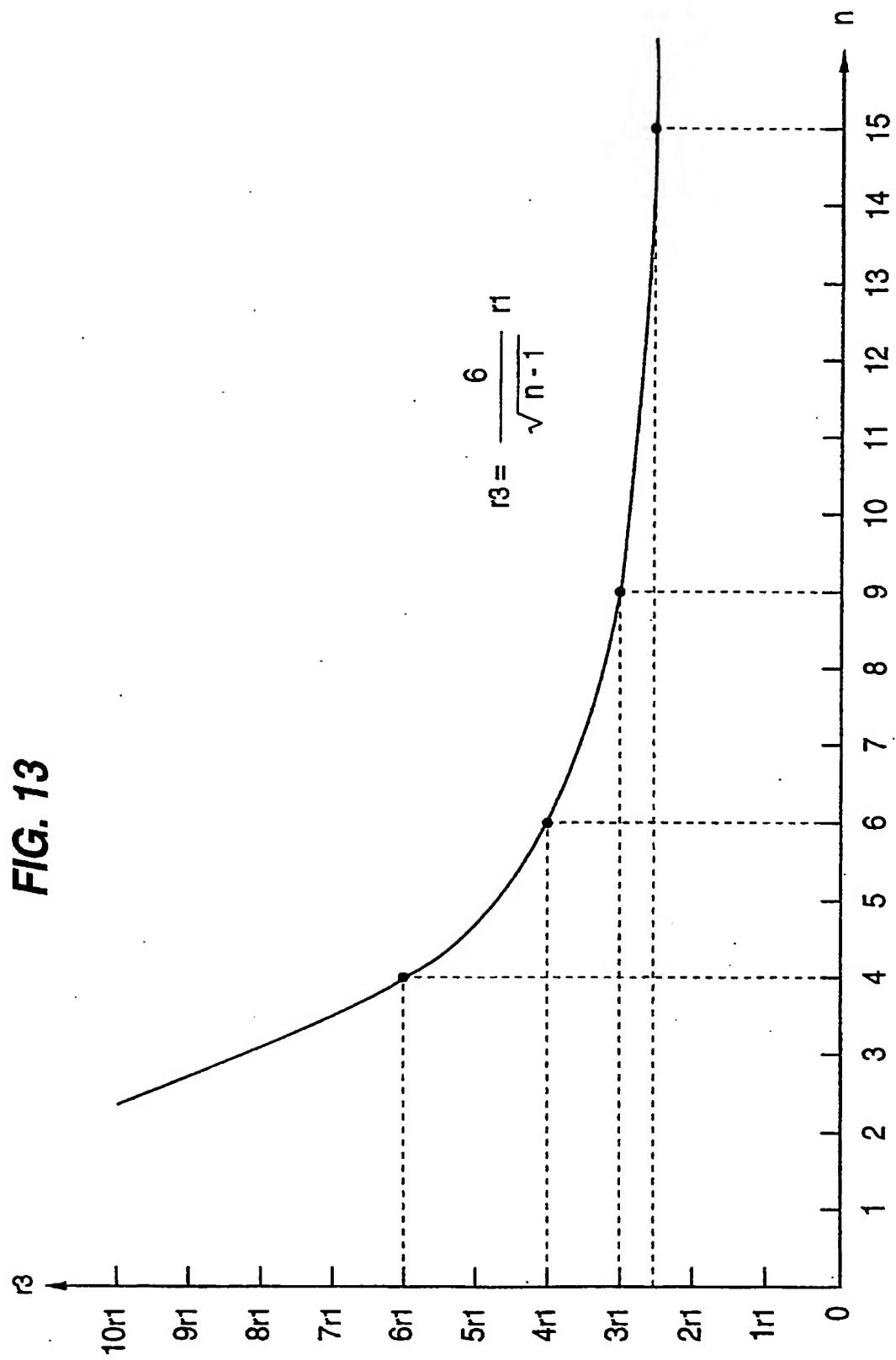


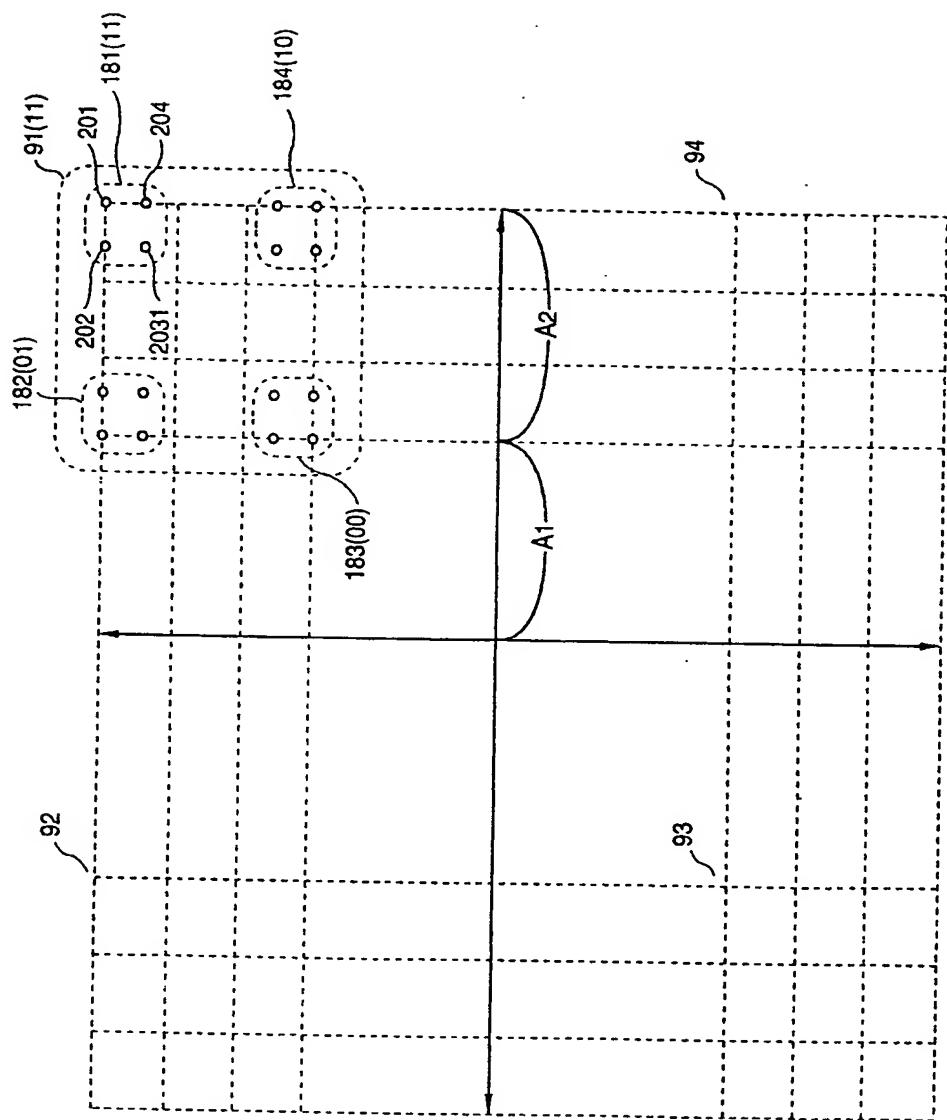
FIG. 14

FIG. 15

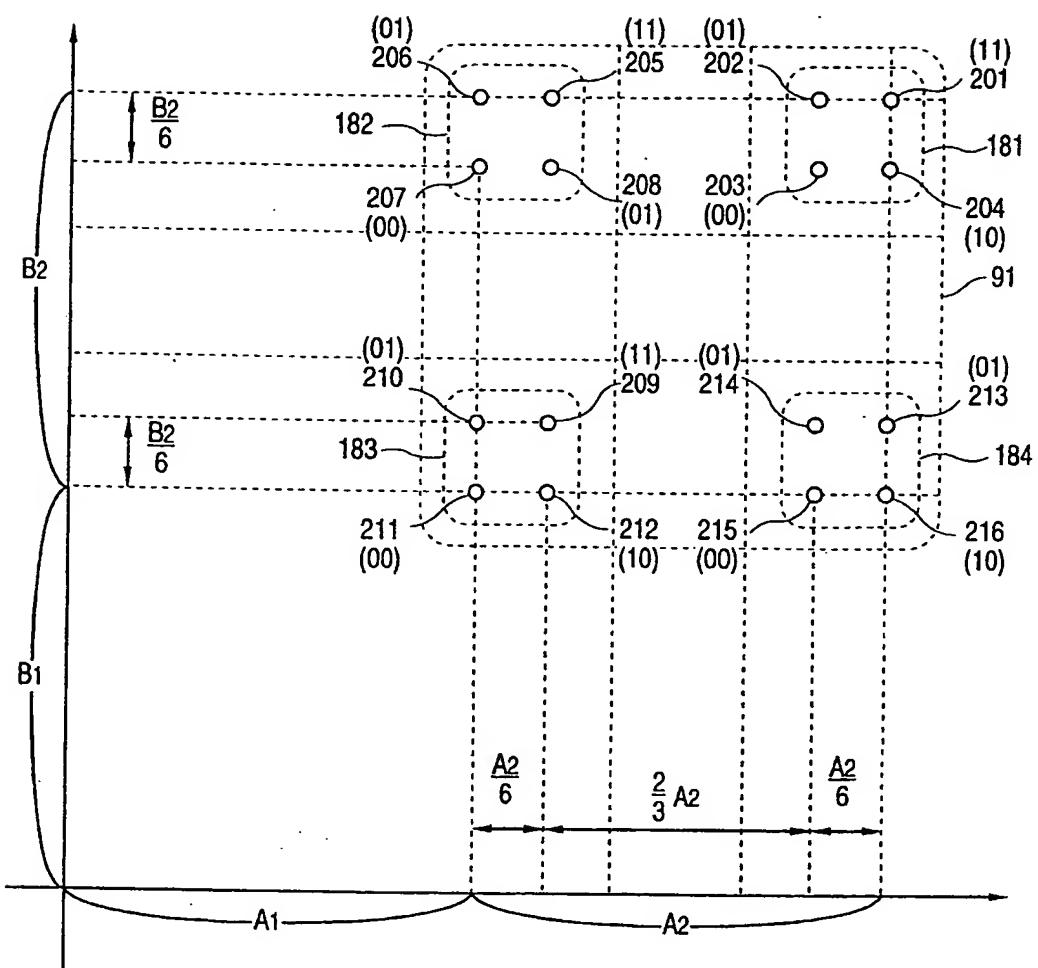
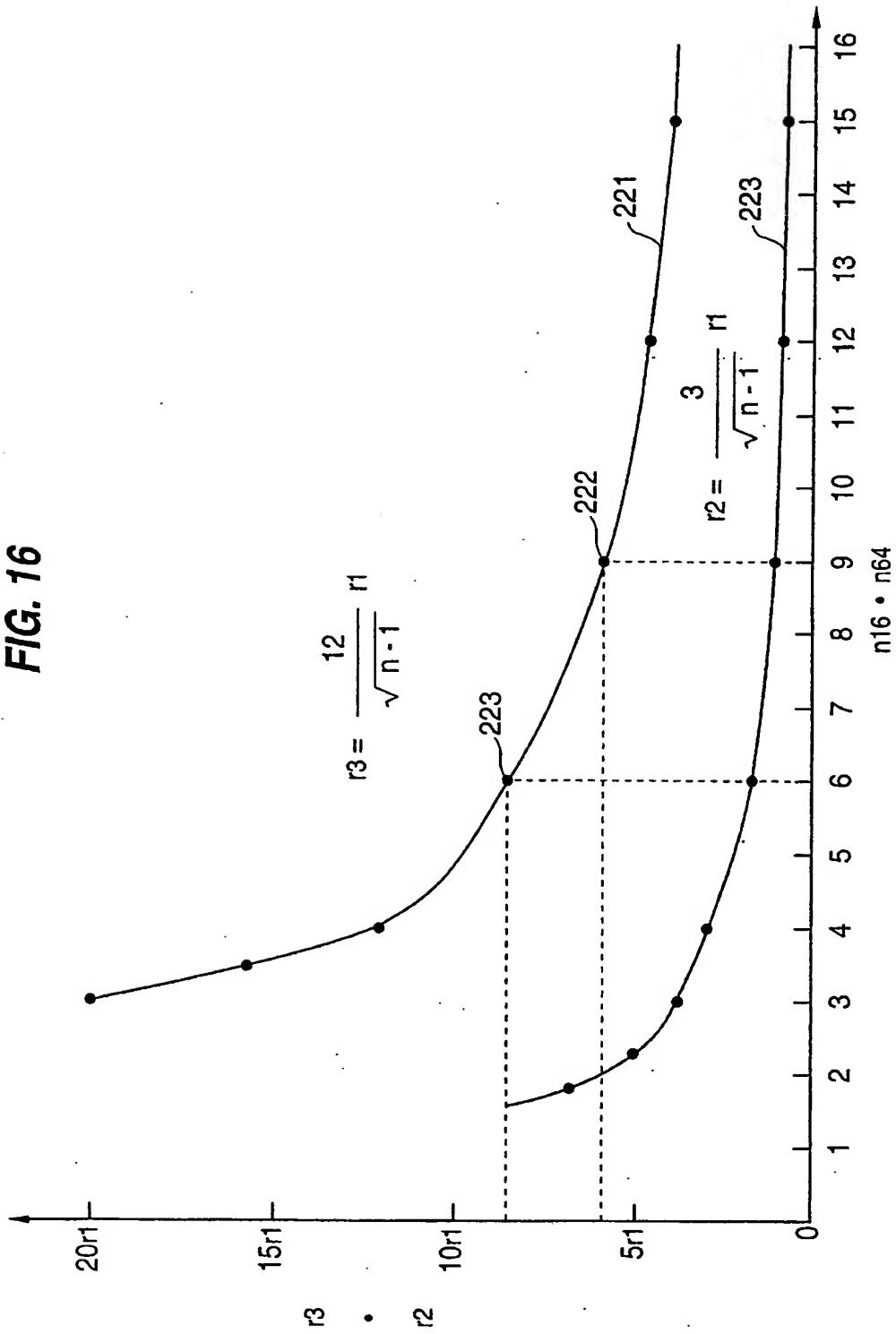


FIG. 16

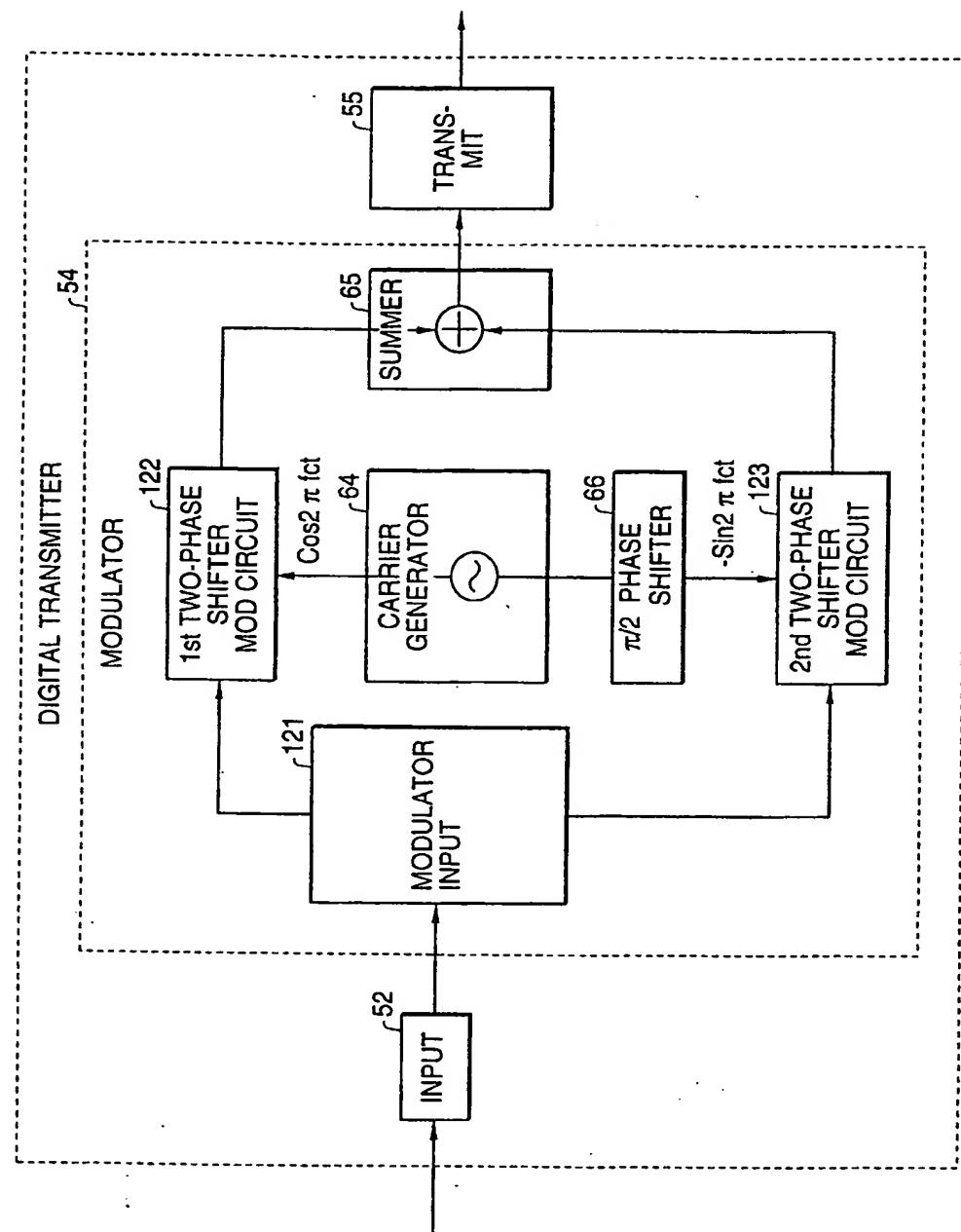


FIG. 17

FIG. 18

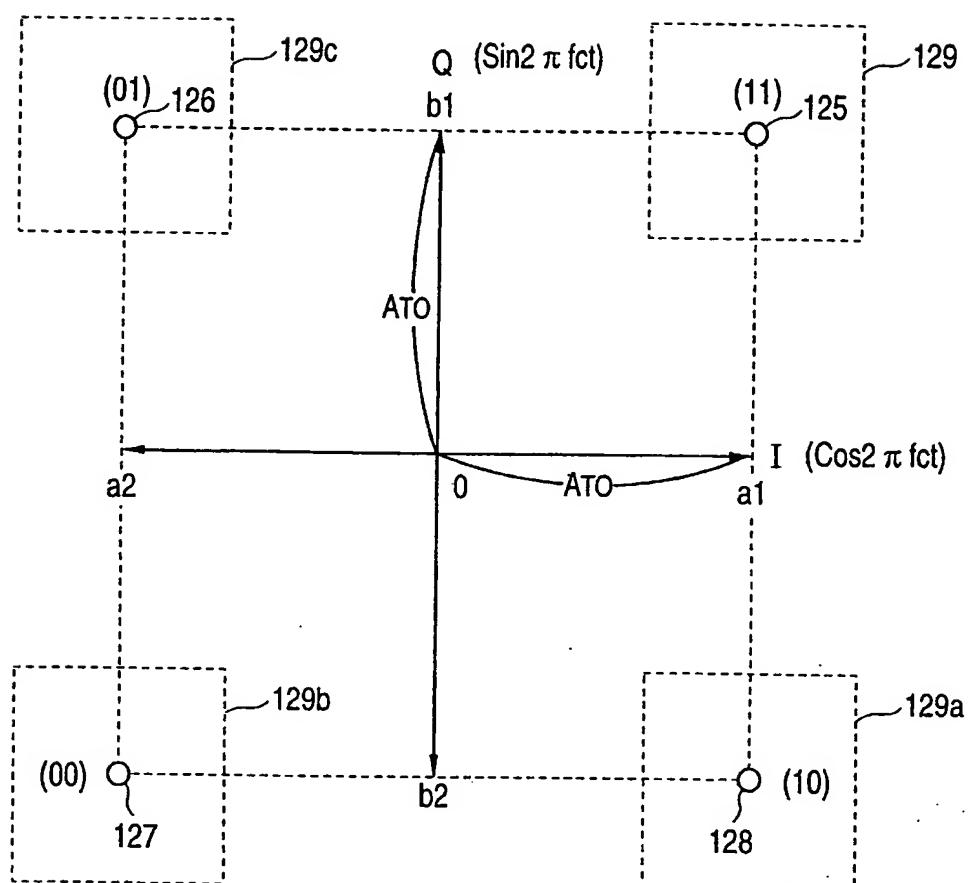


FIG. 19

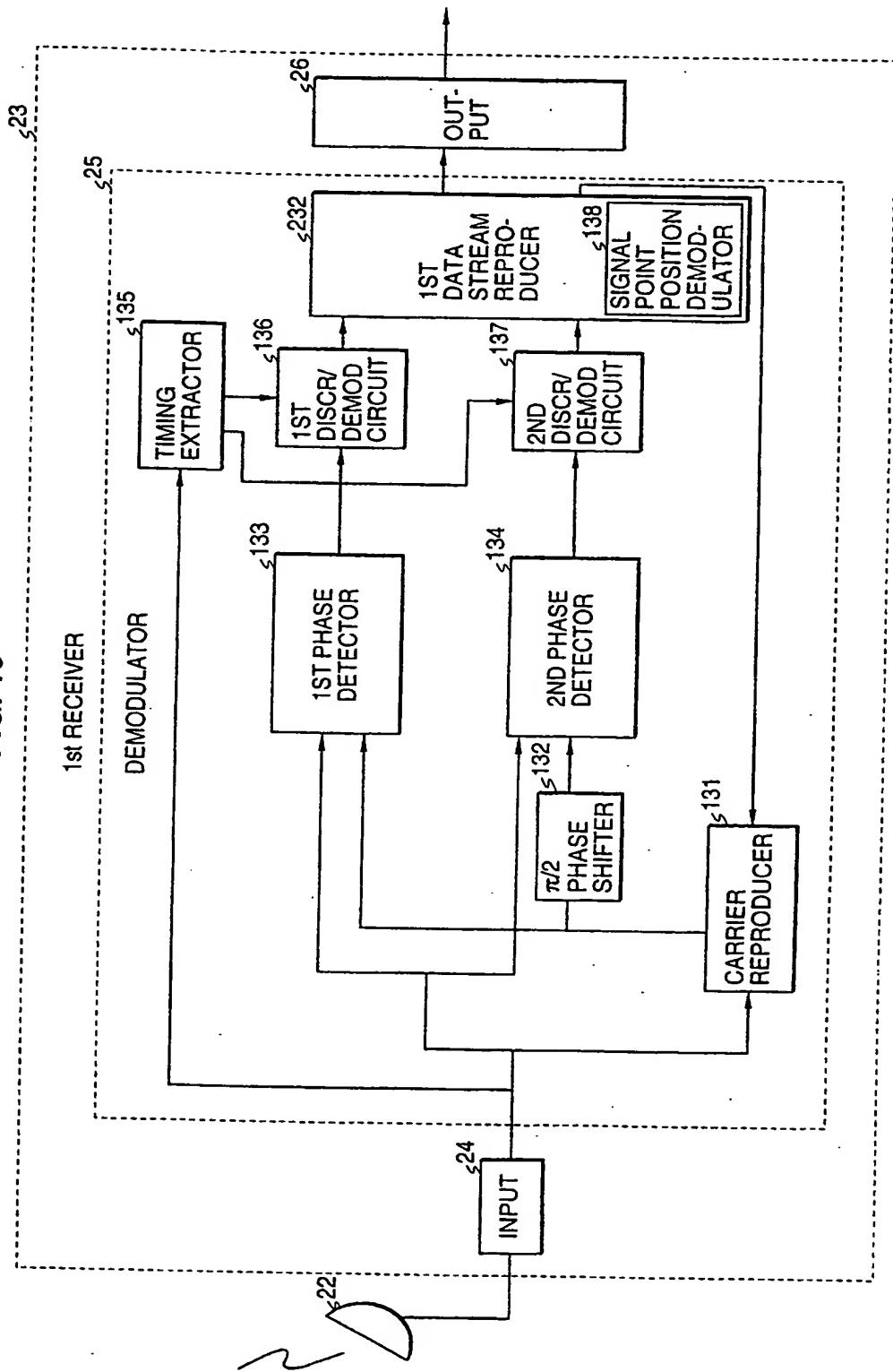


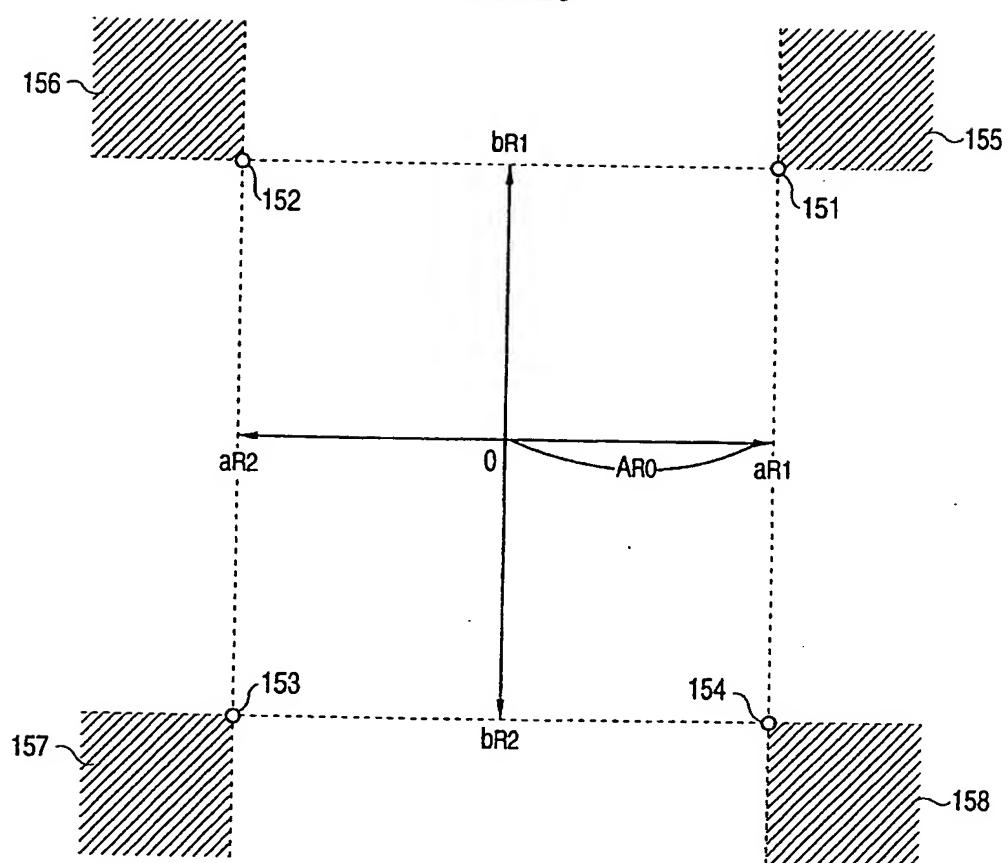
FIG. 20

FIG. 21

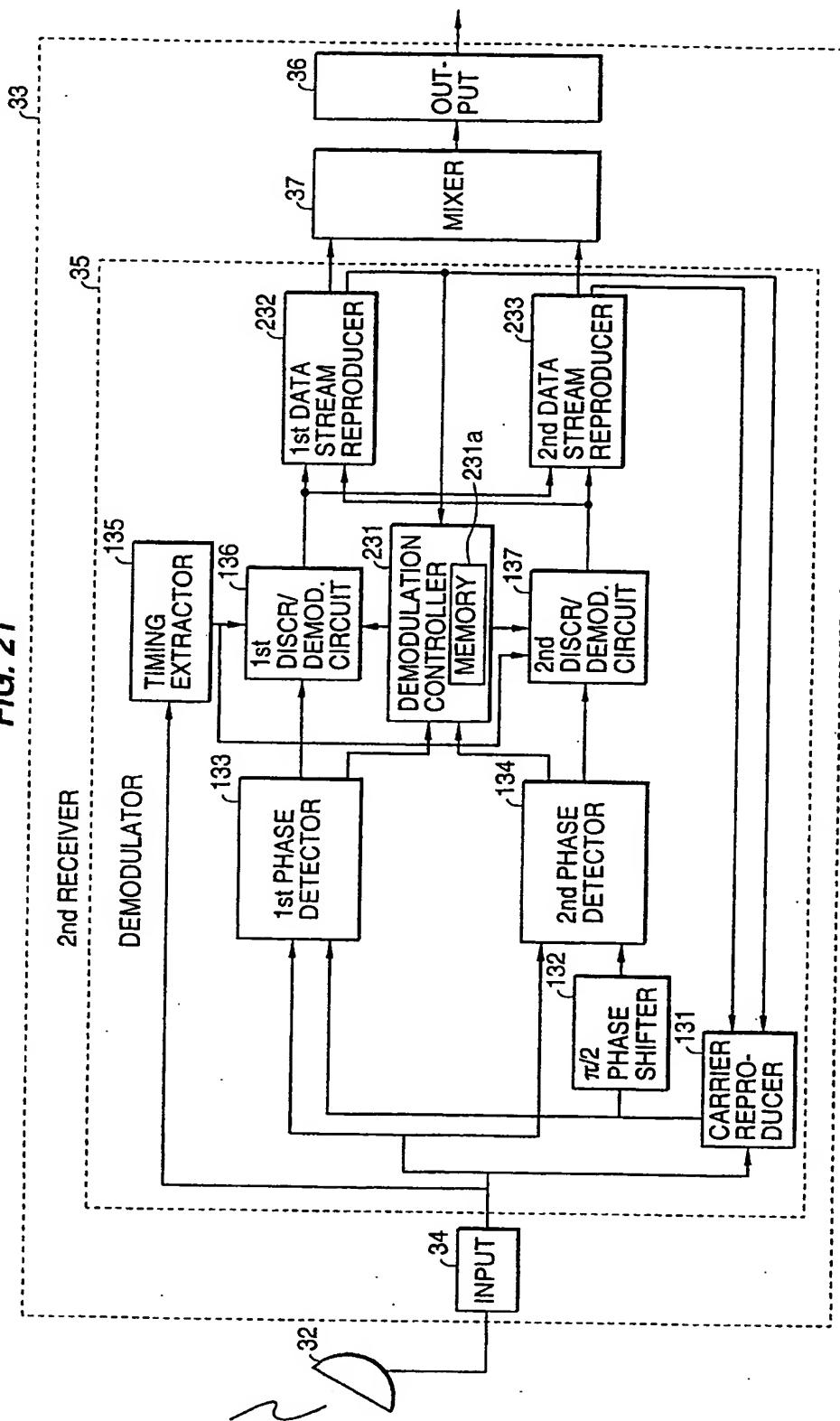
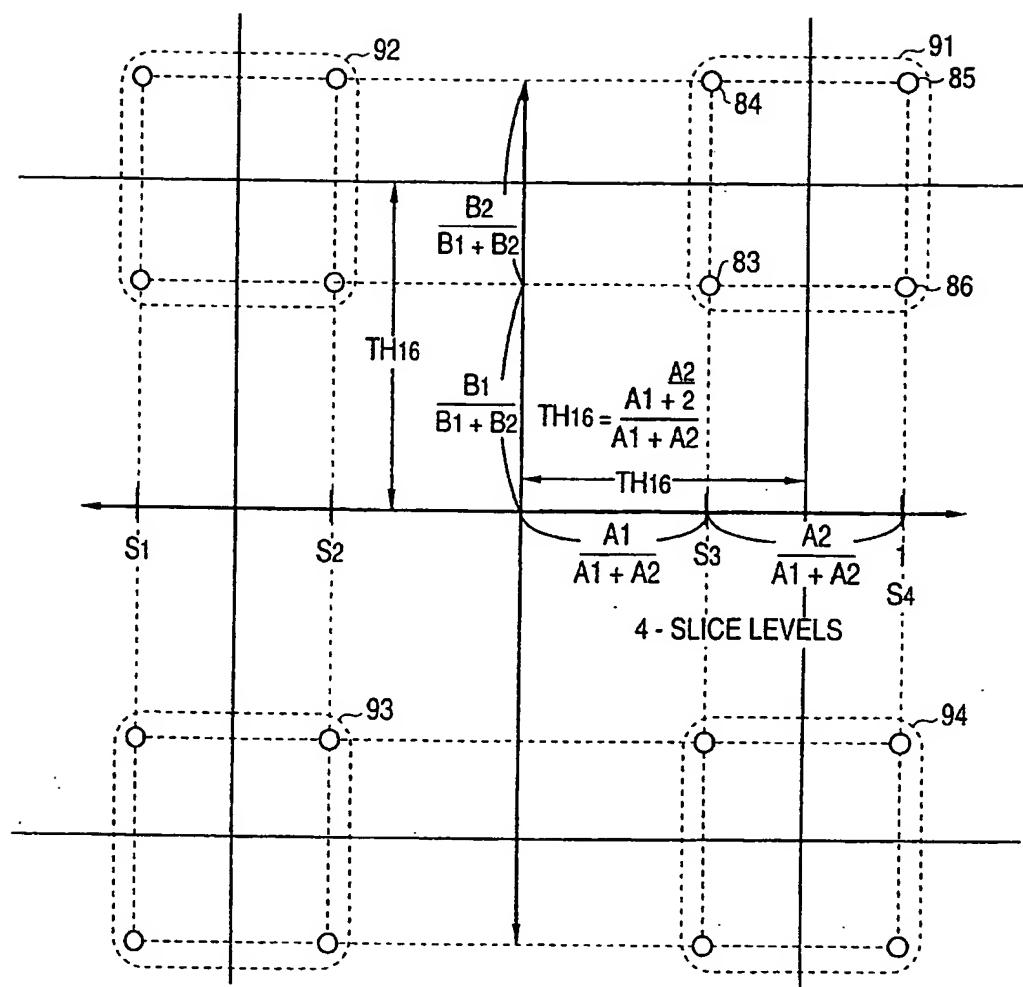


FIG. 22

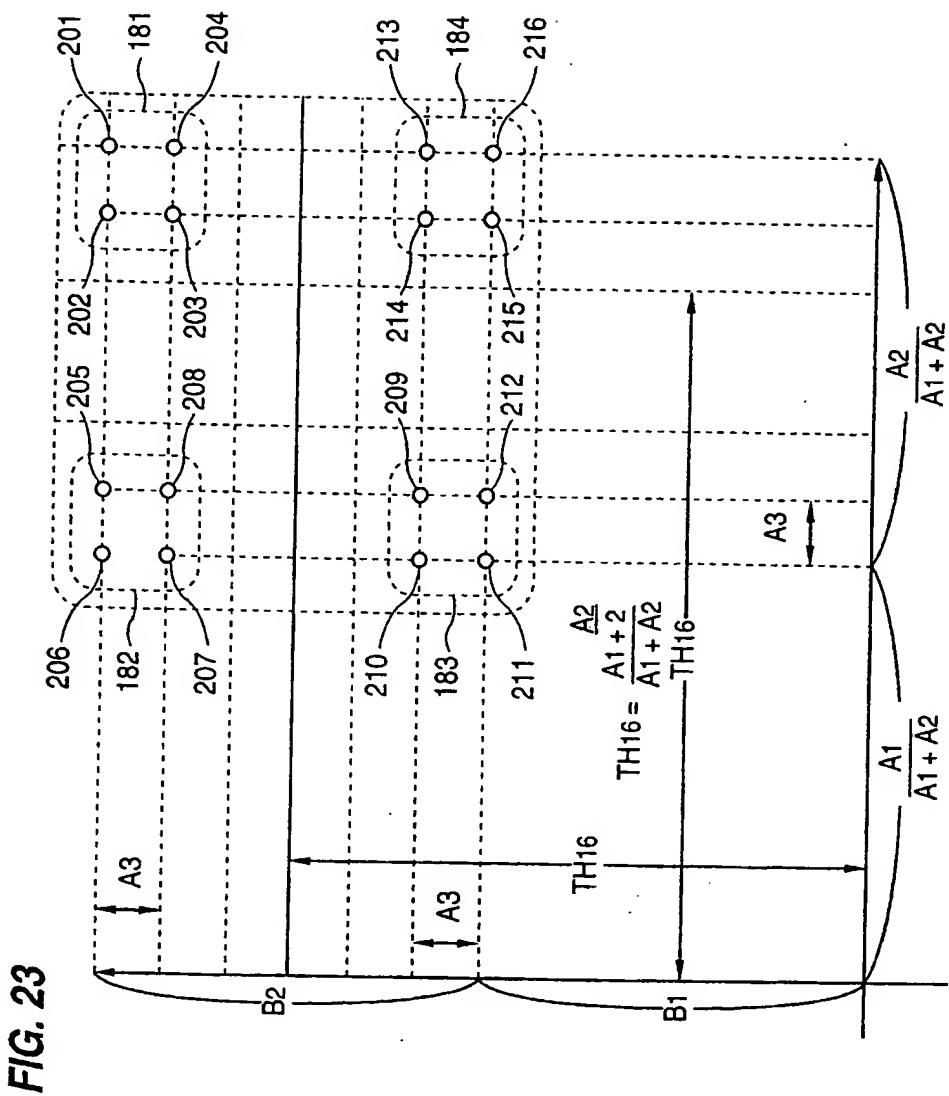


FIG. 24

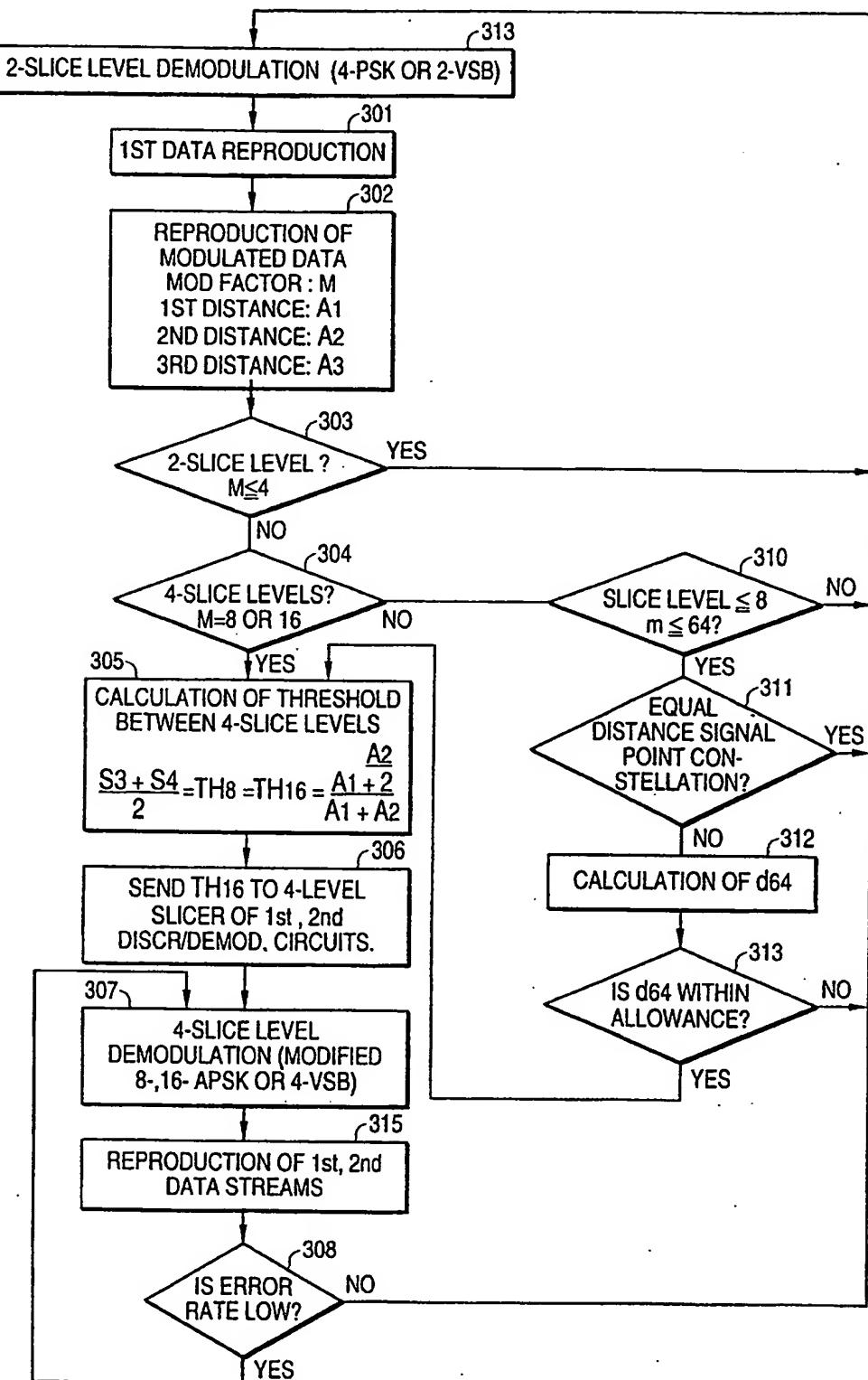


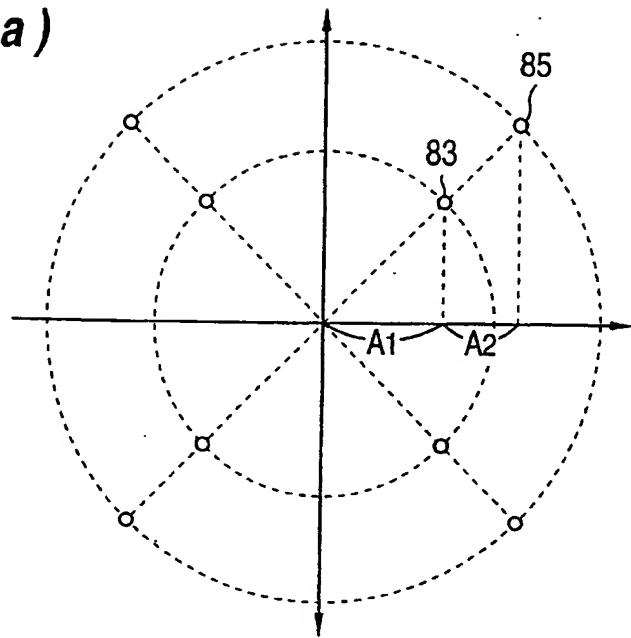
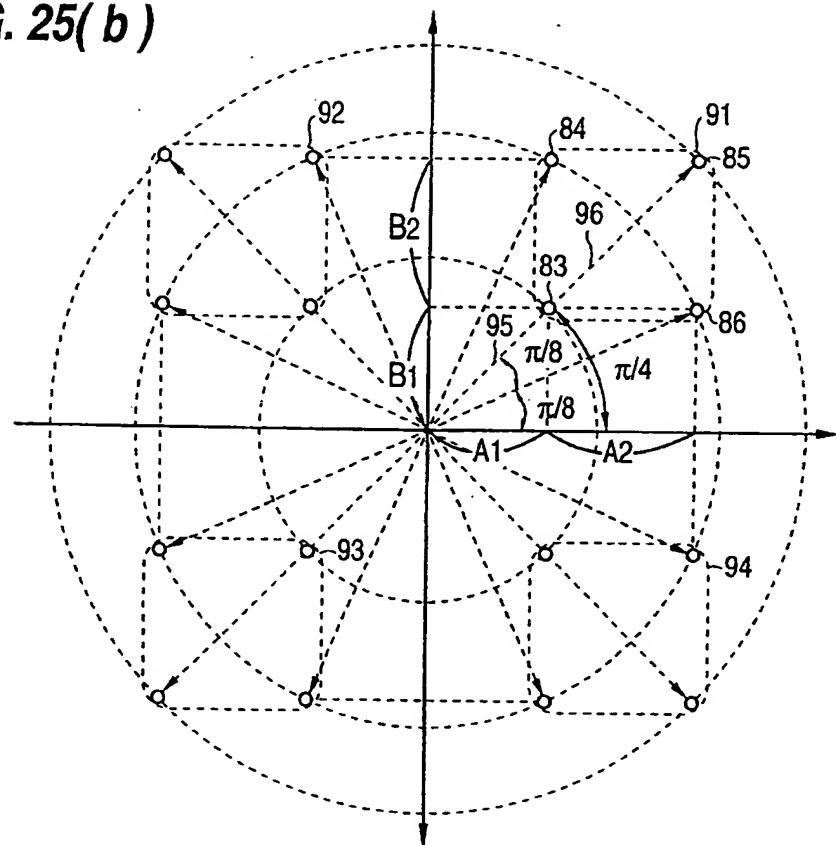
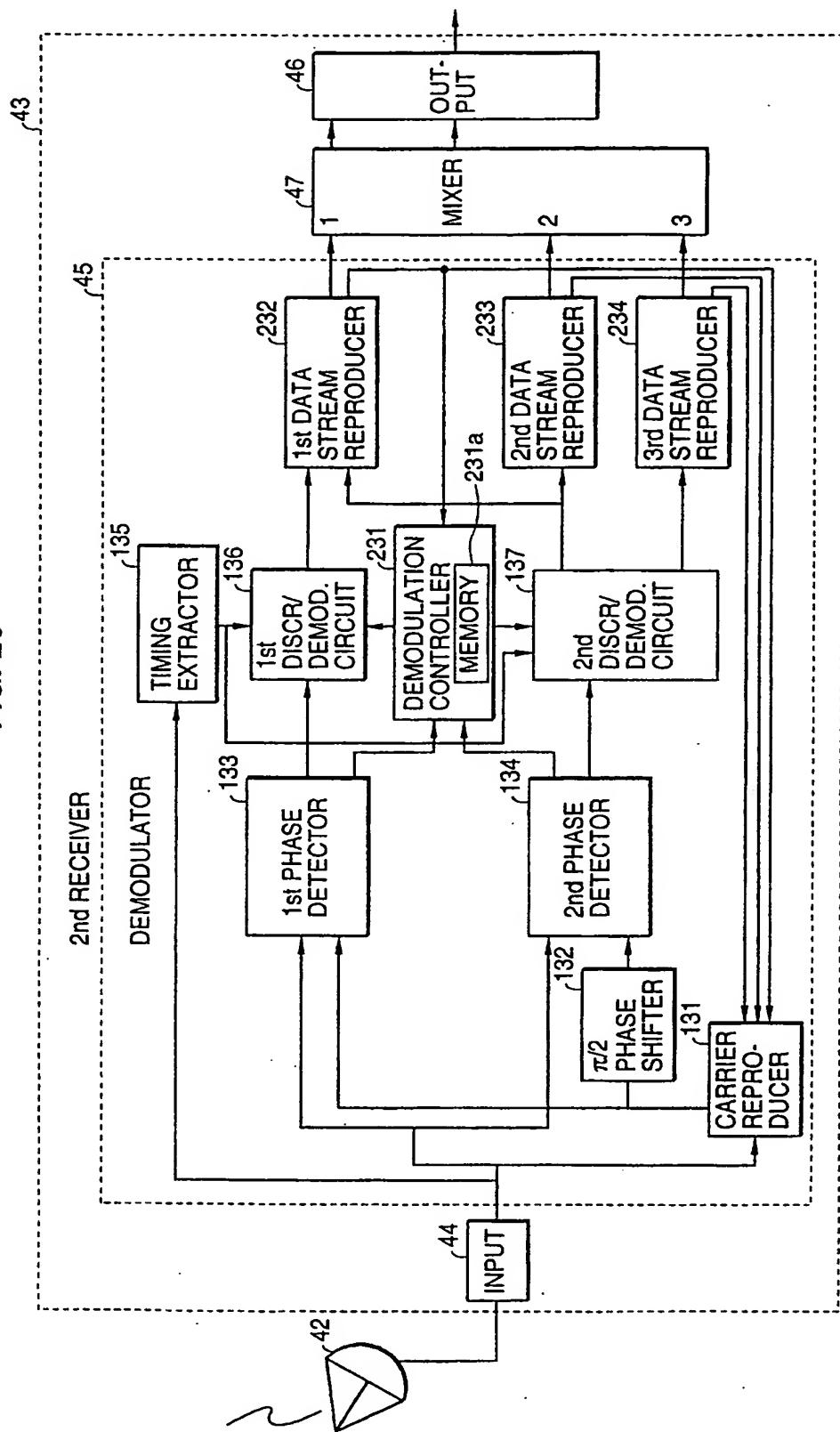
FIG. 25(a)**FIG. 25(b)**

FIG. 26



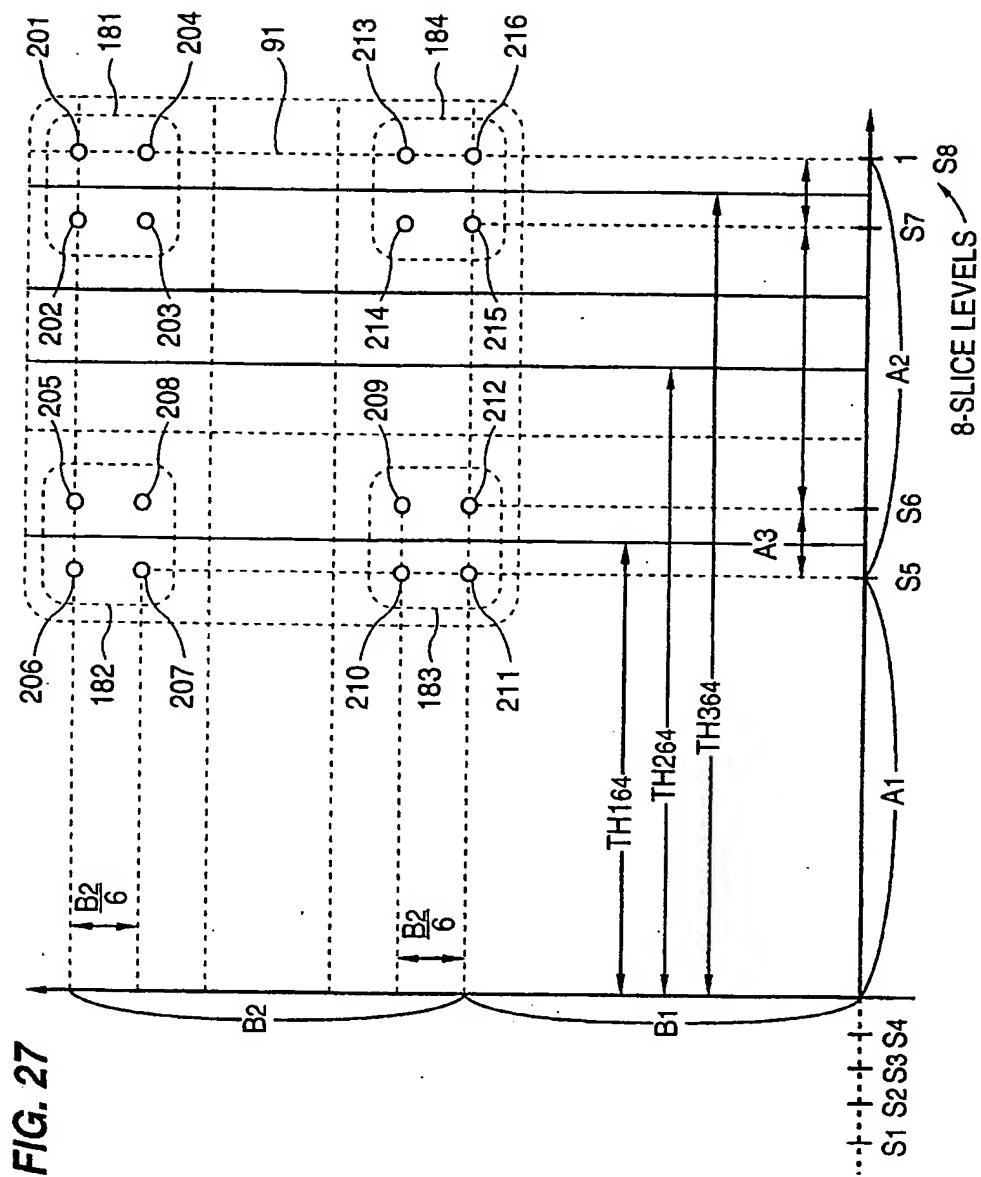


FIG. 28

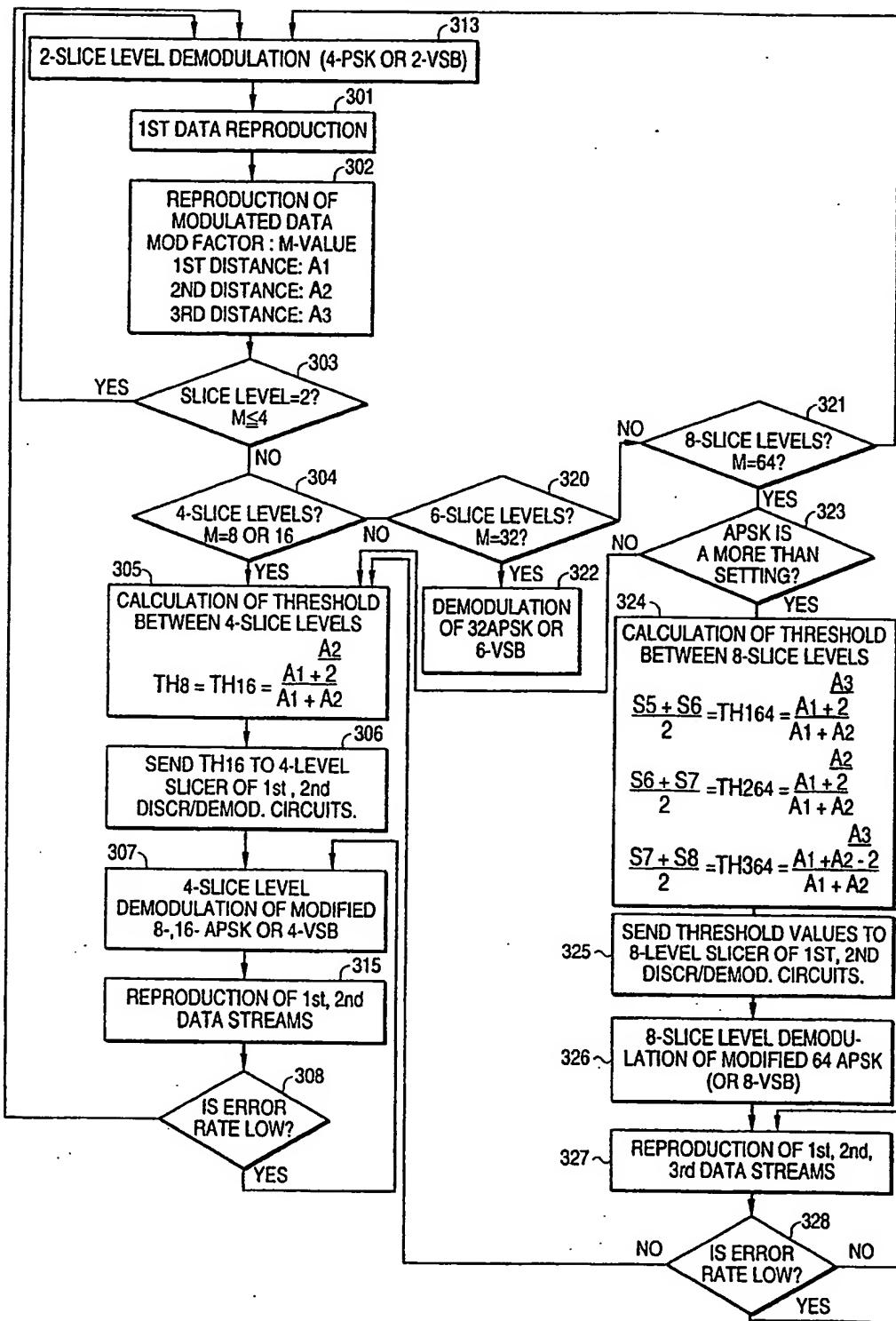


FIG. 29

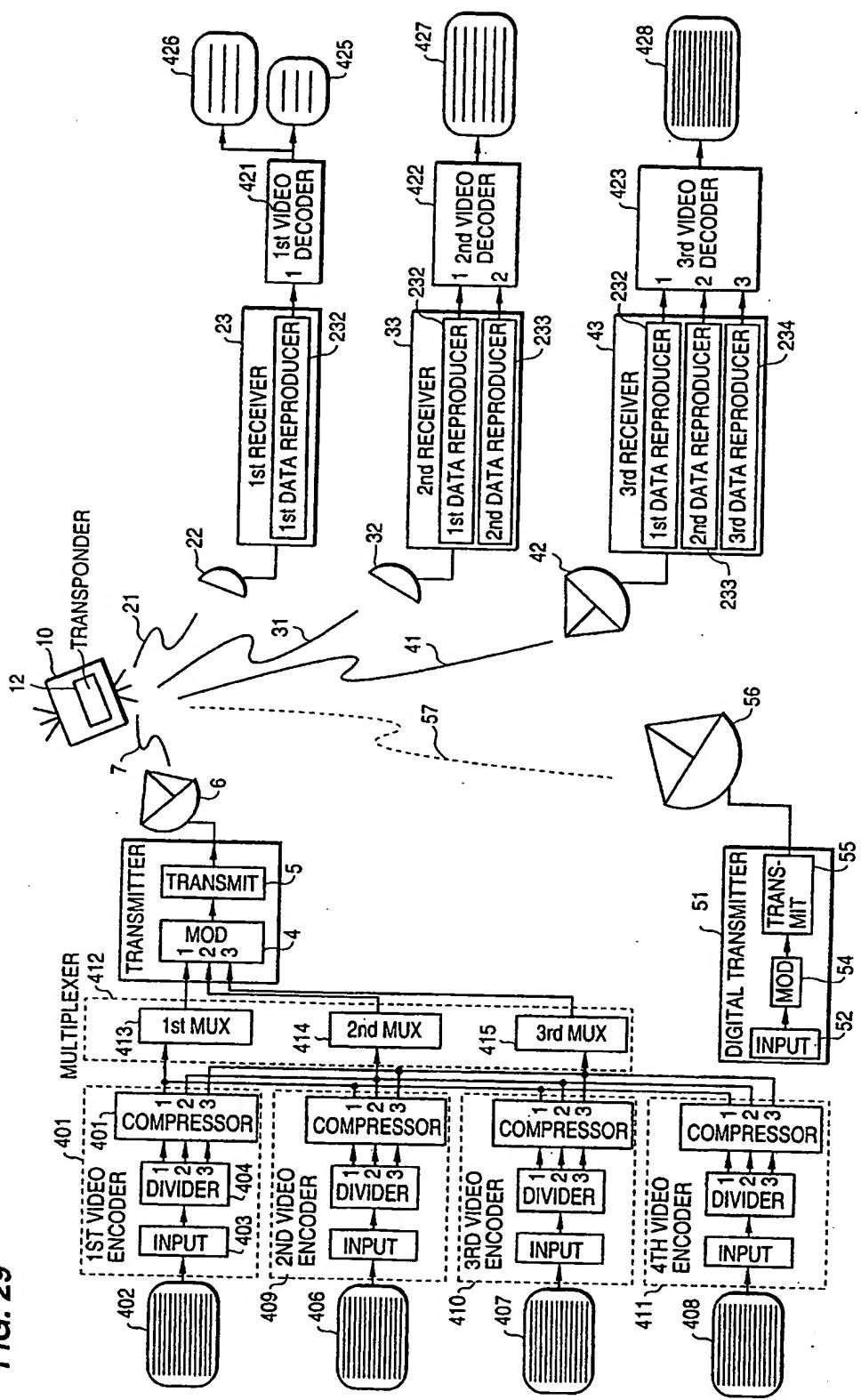
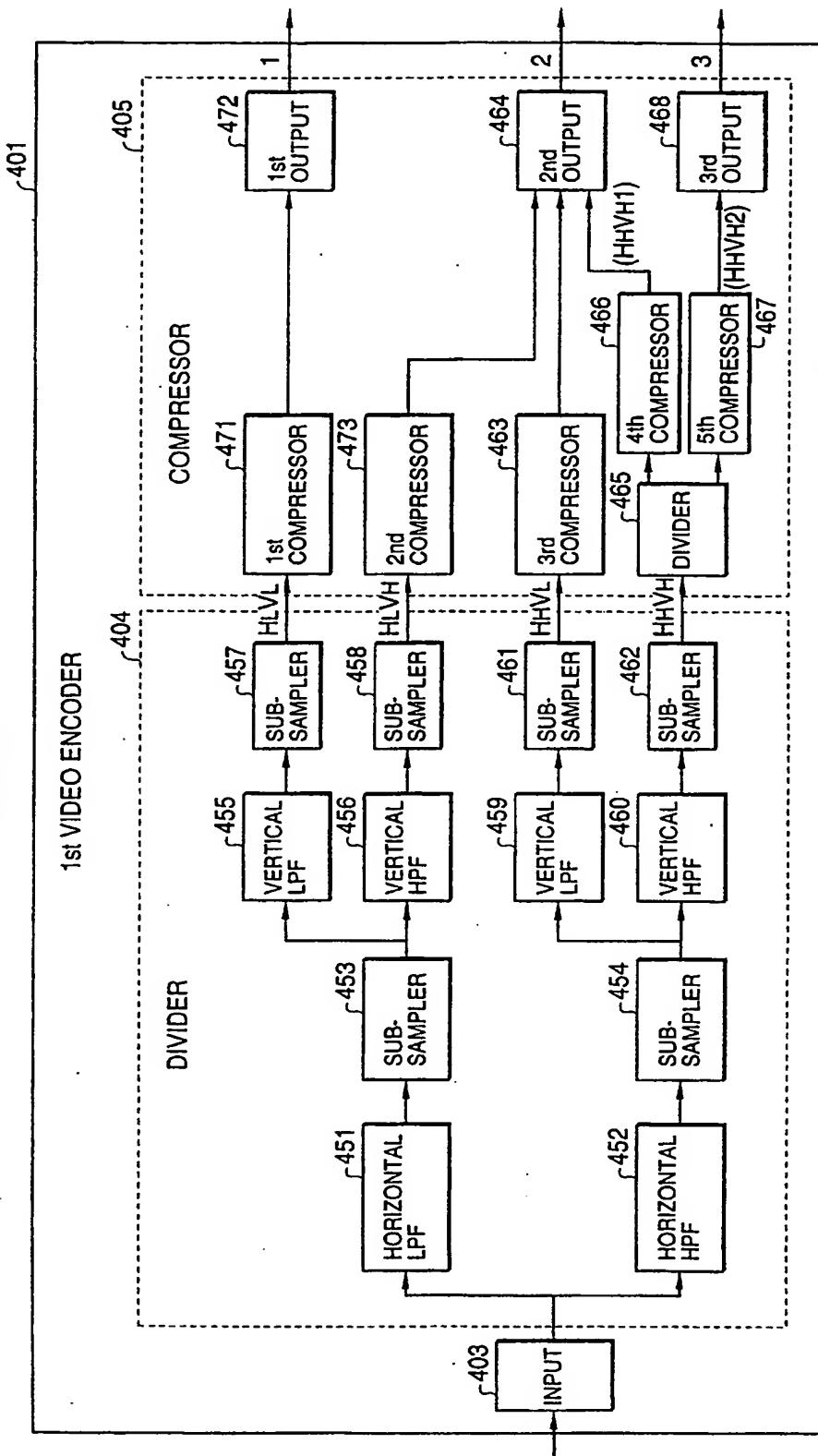


FIG. 30

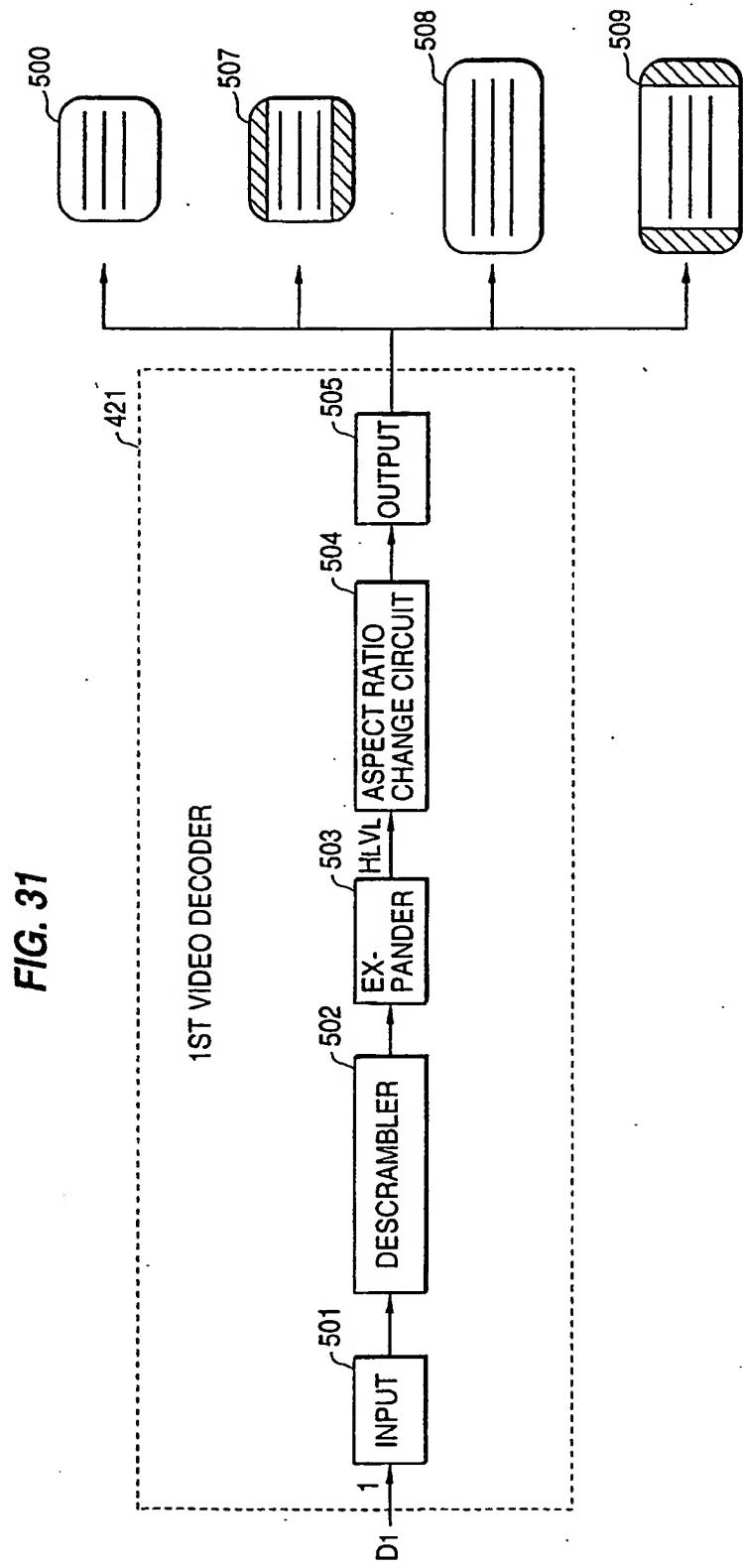


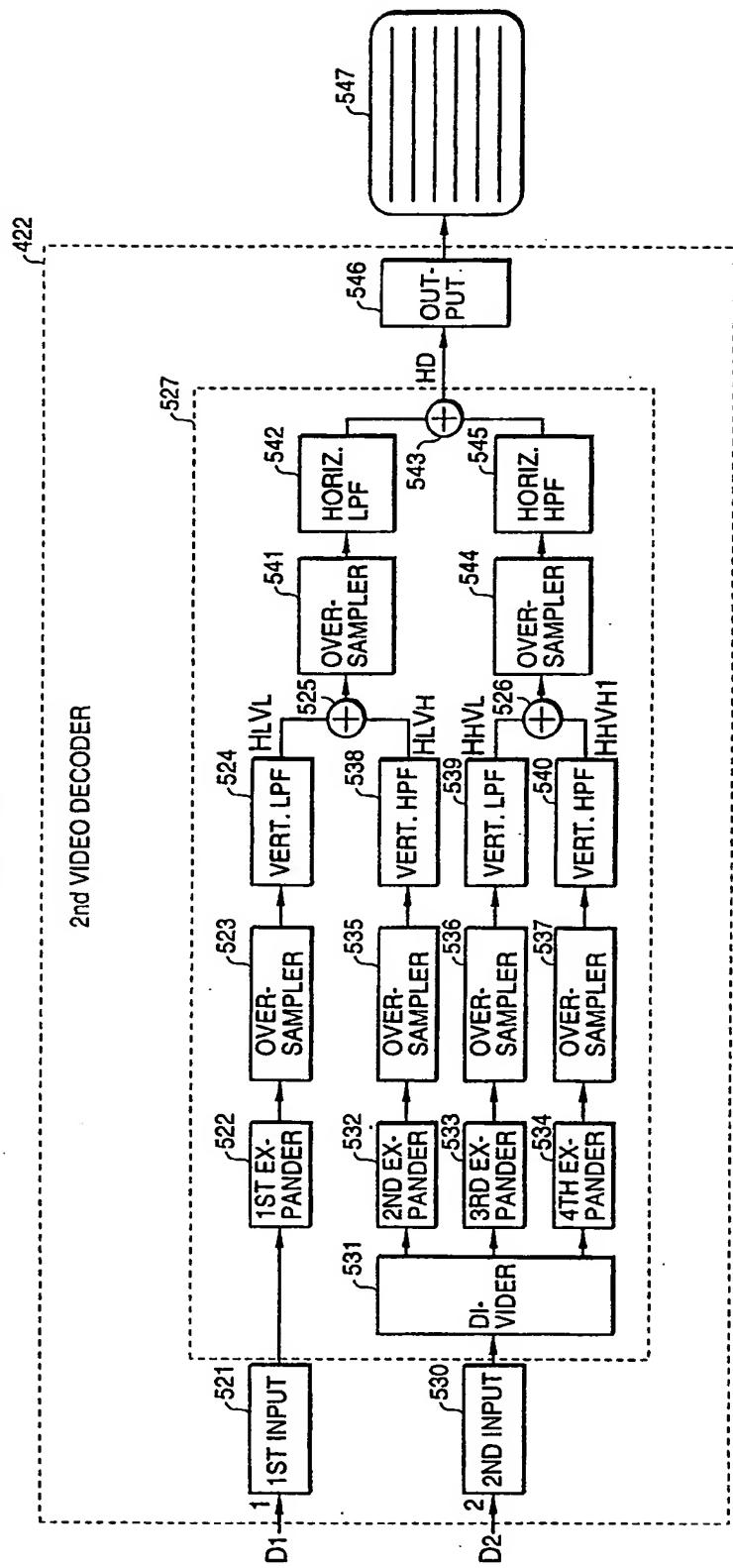
FIG. 32

FIG. 33

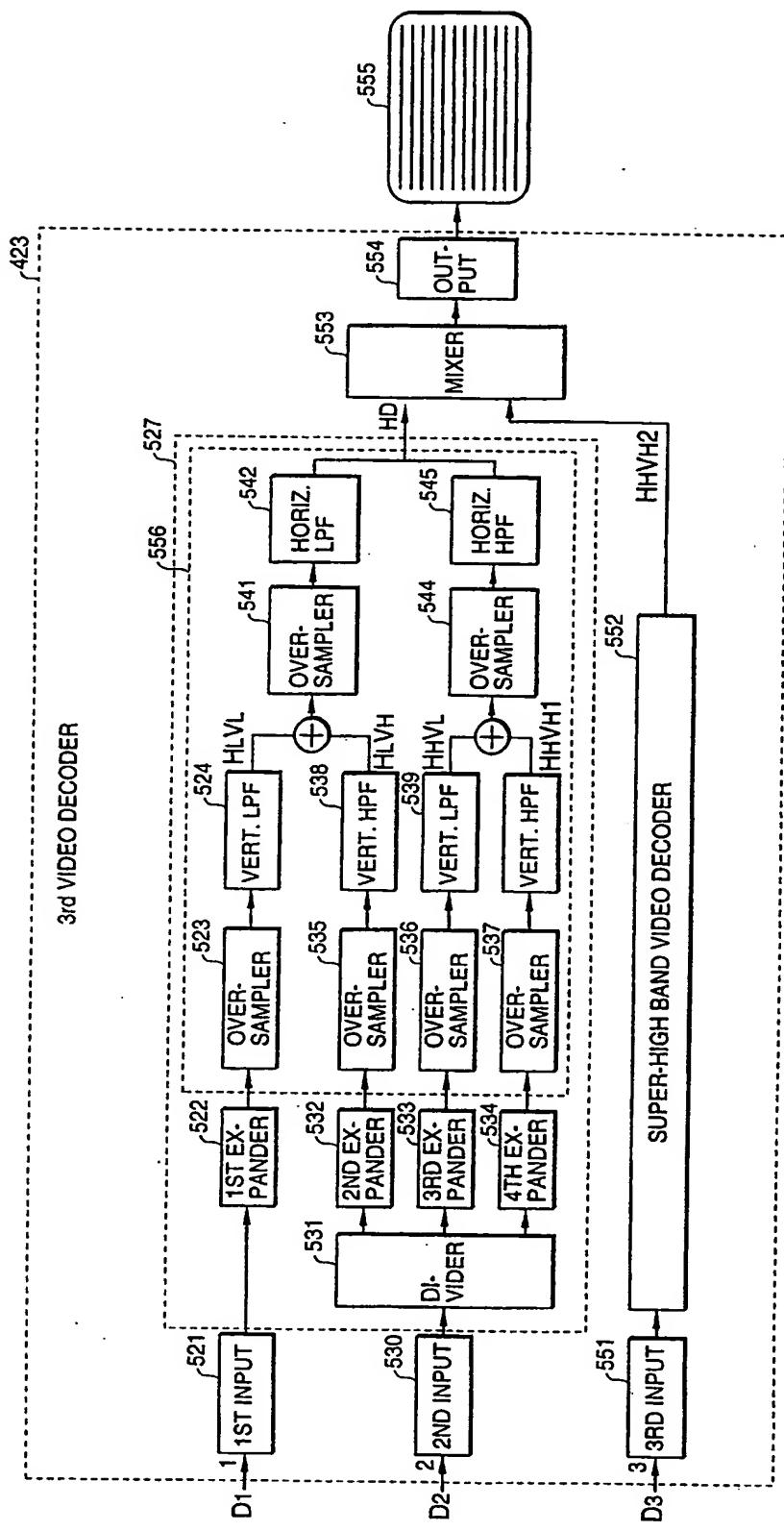


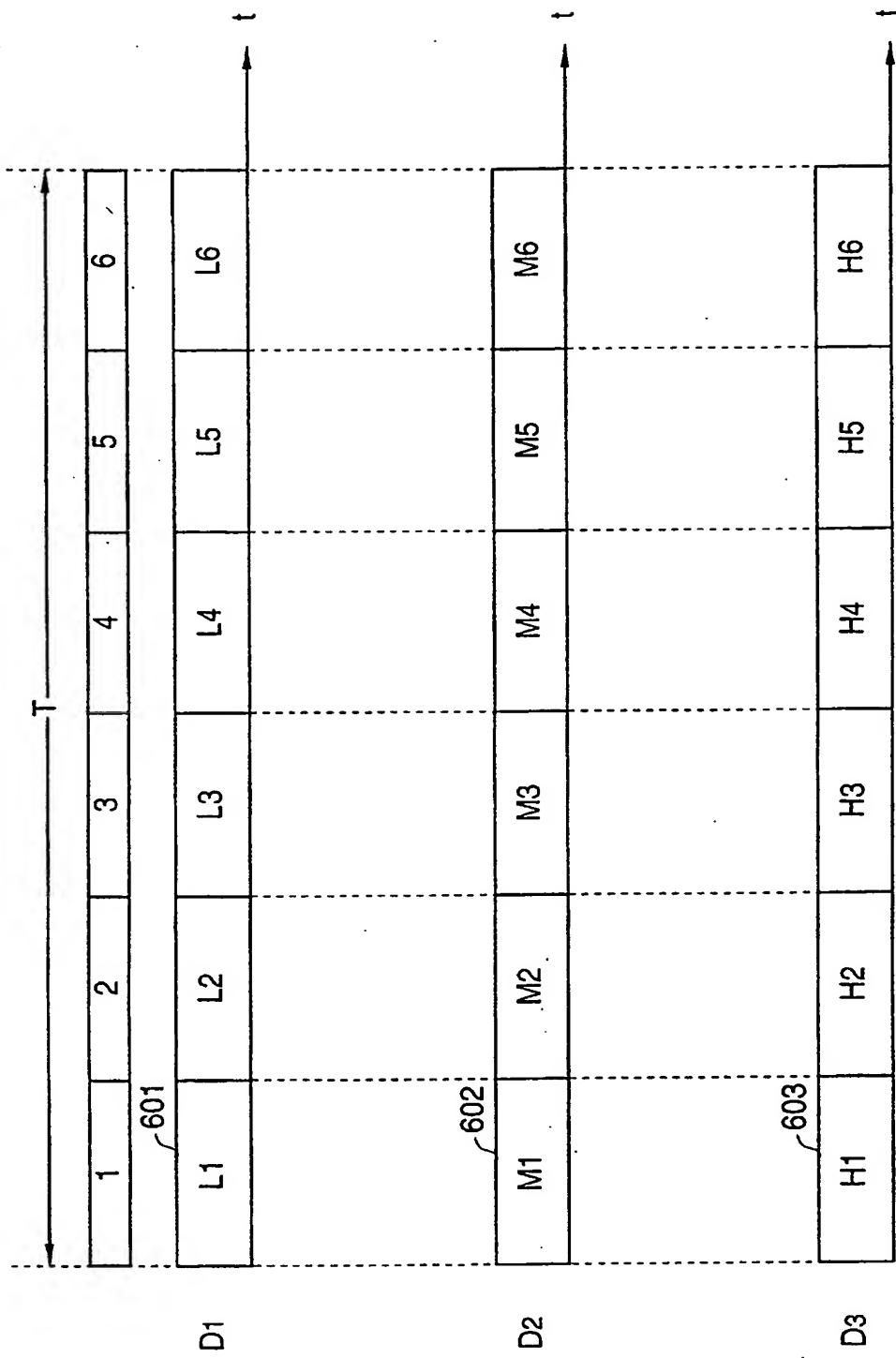
FIG. 34

FIG. 35

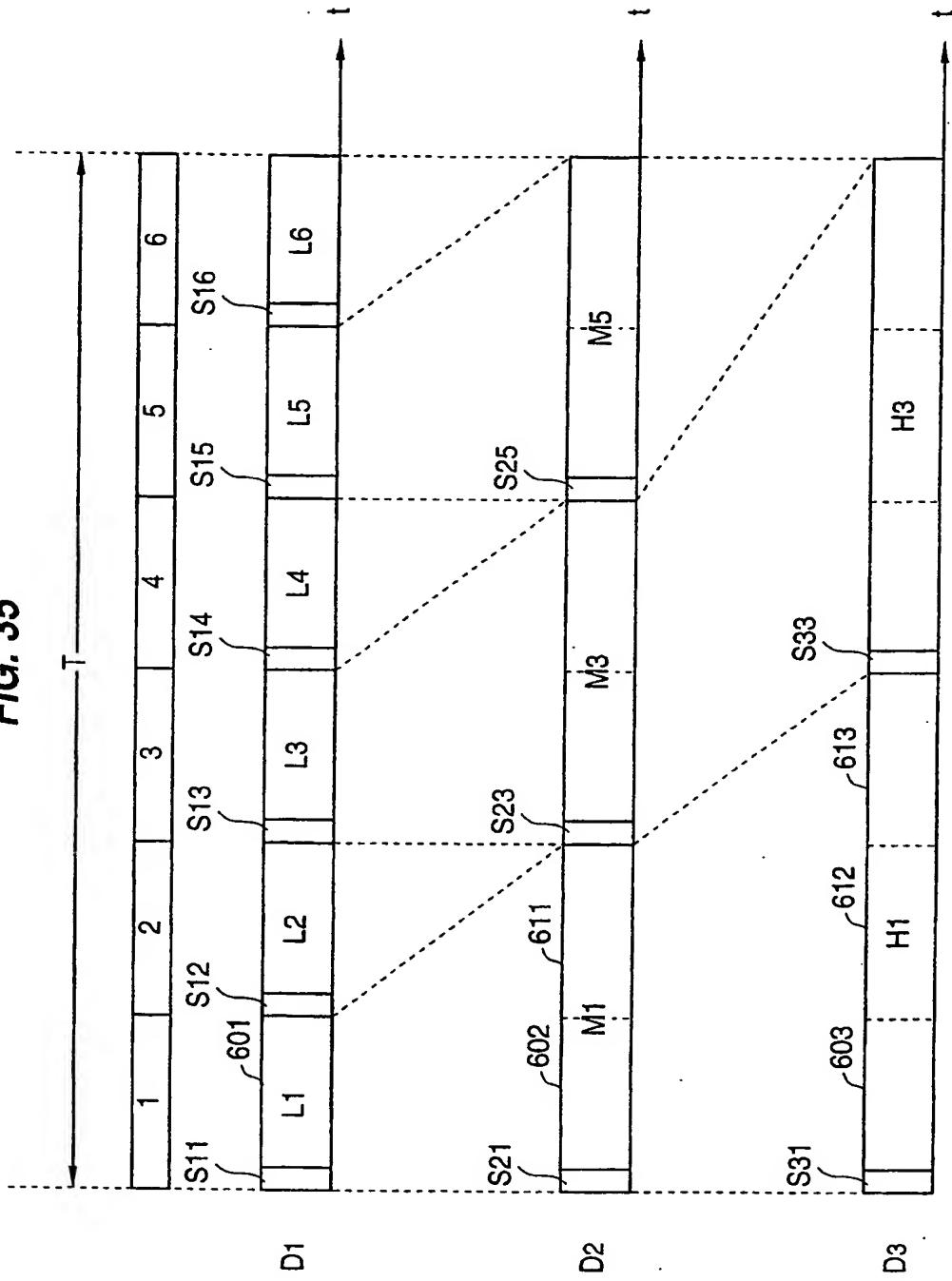
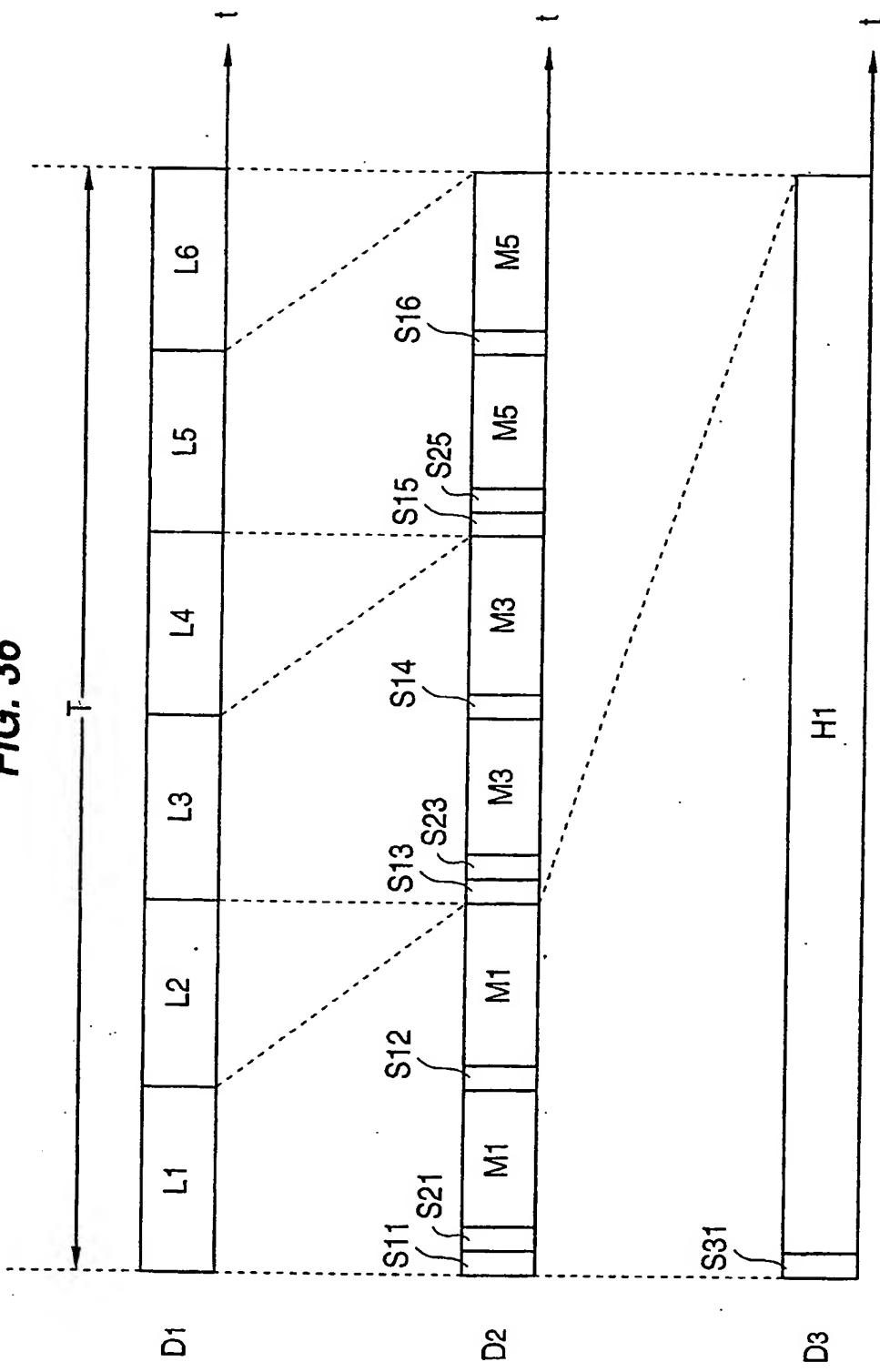


FIG. 36

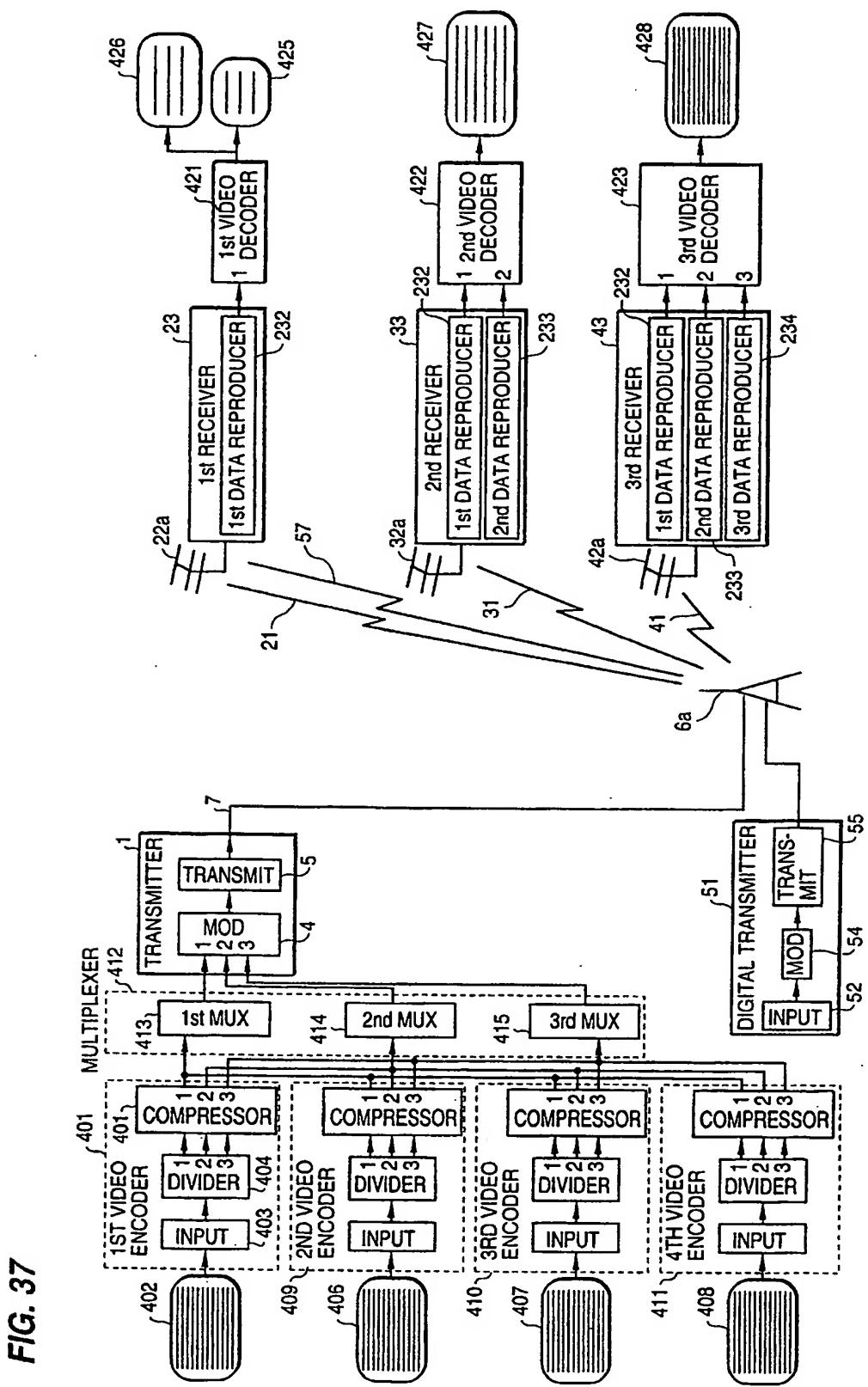


FIG. 38

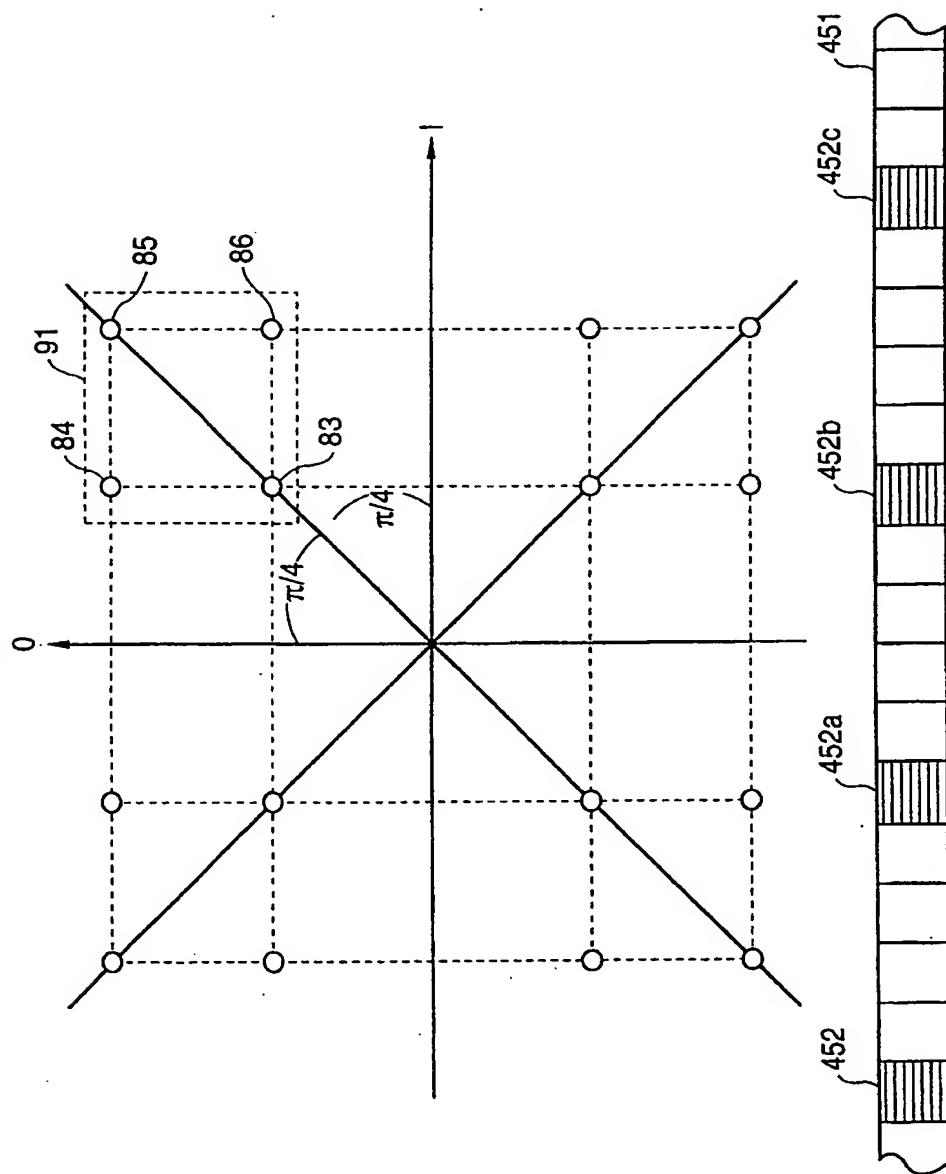


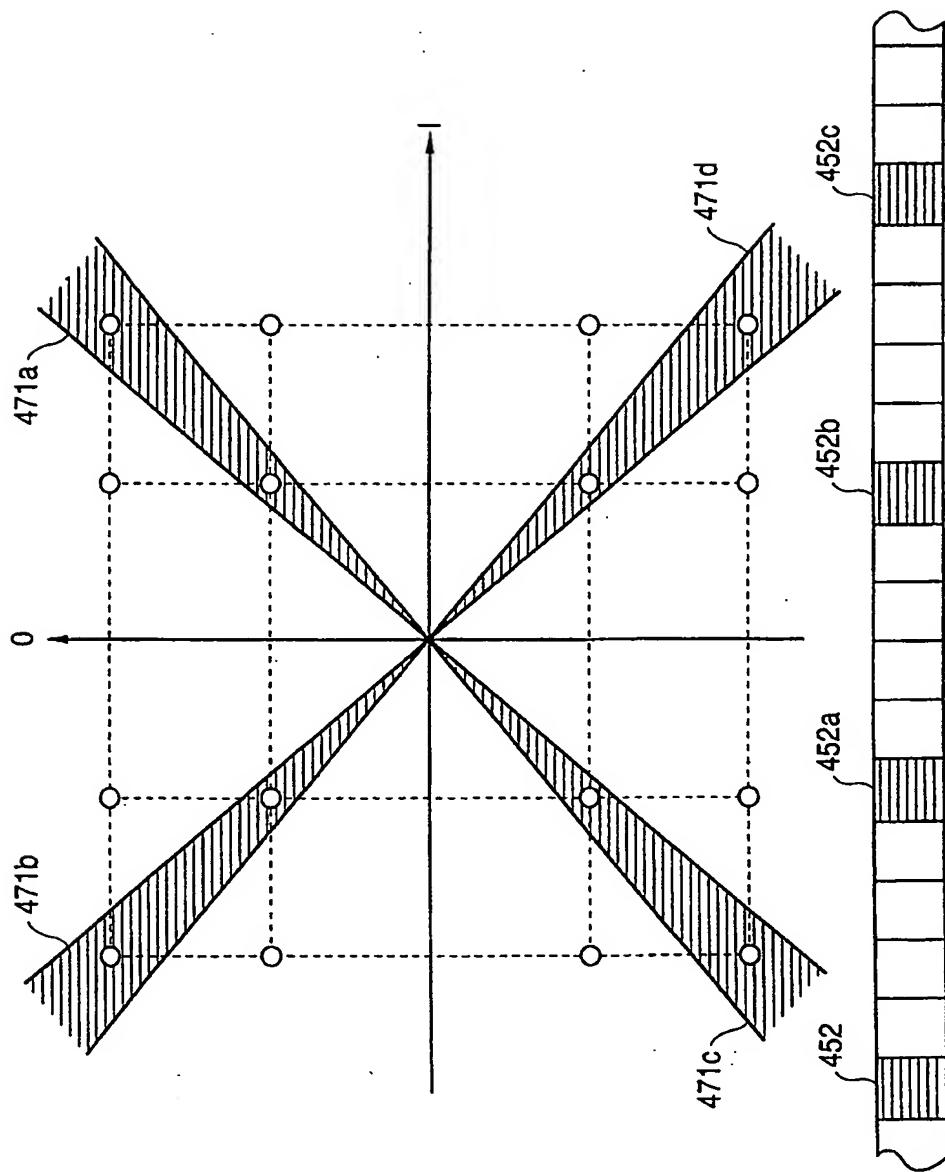
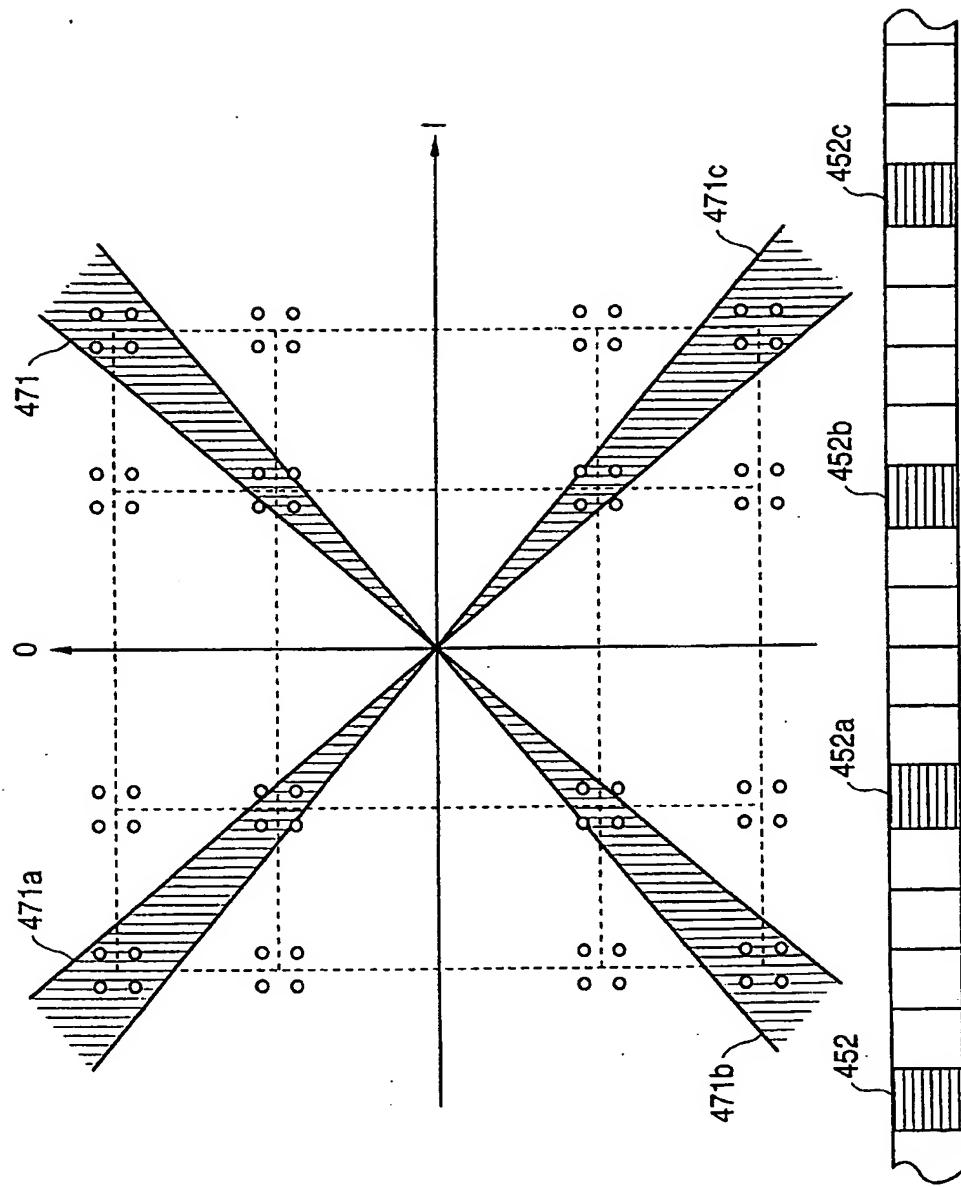
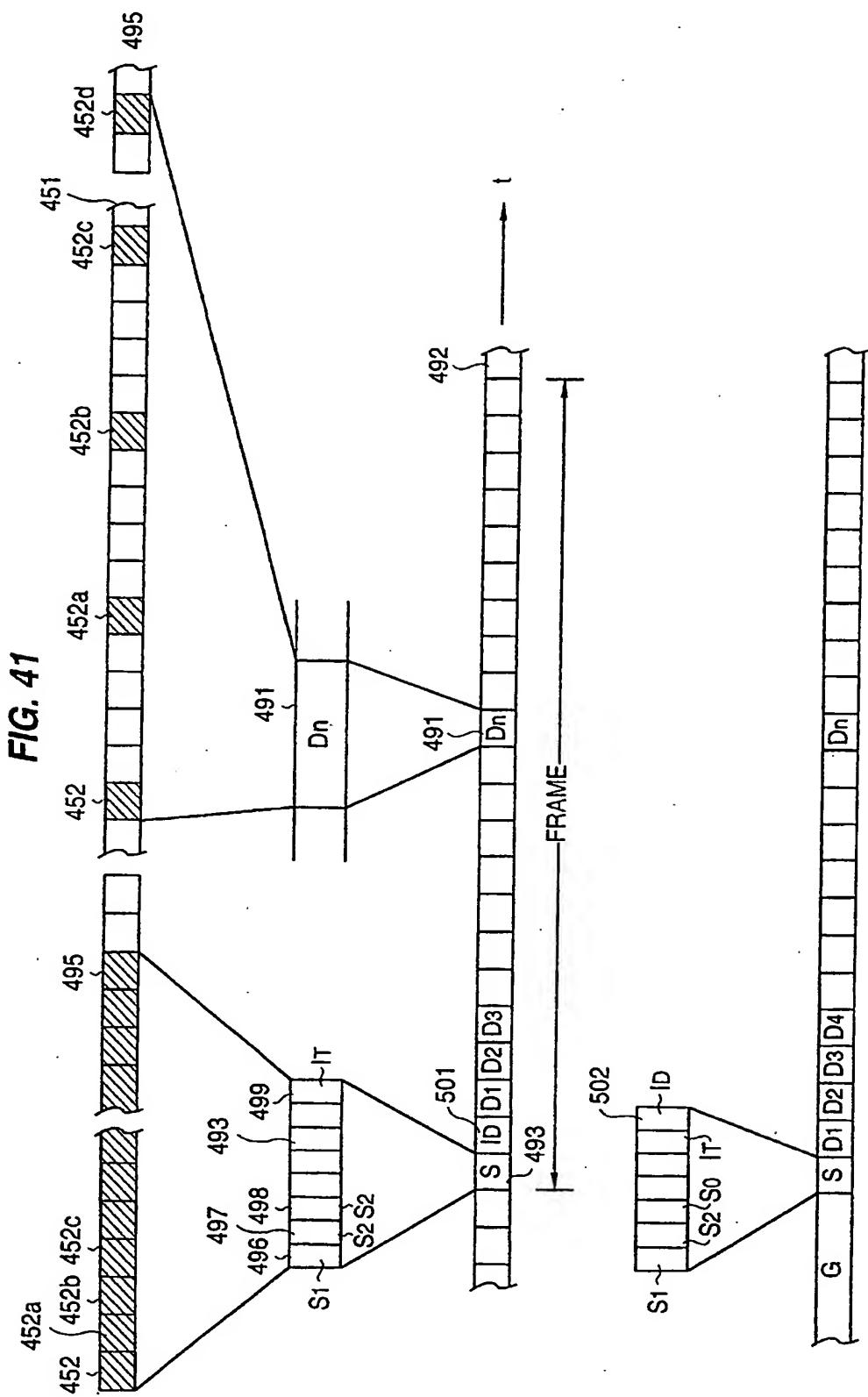
FIG. 39

FIG. 40



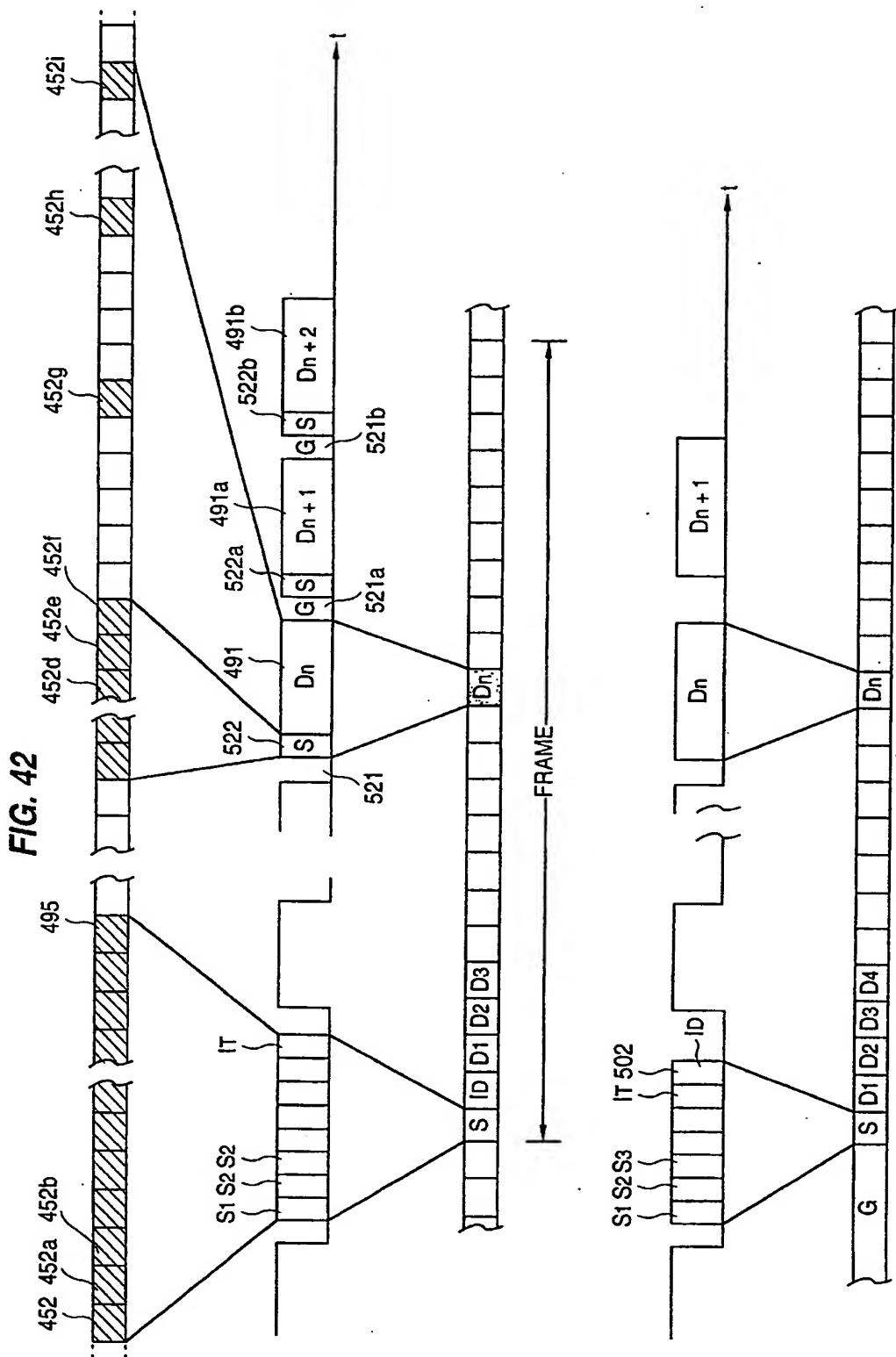


FIG. 43

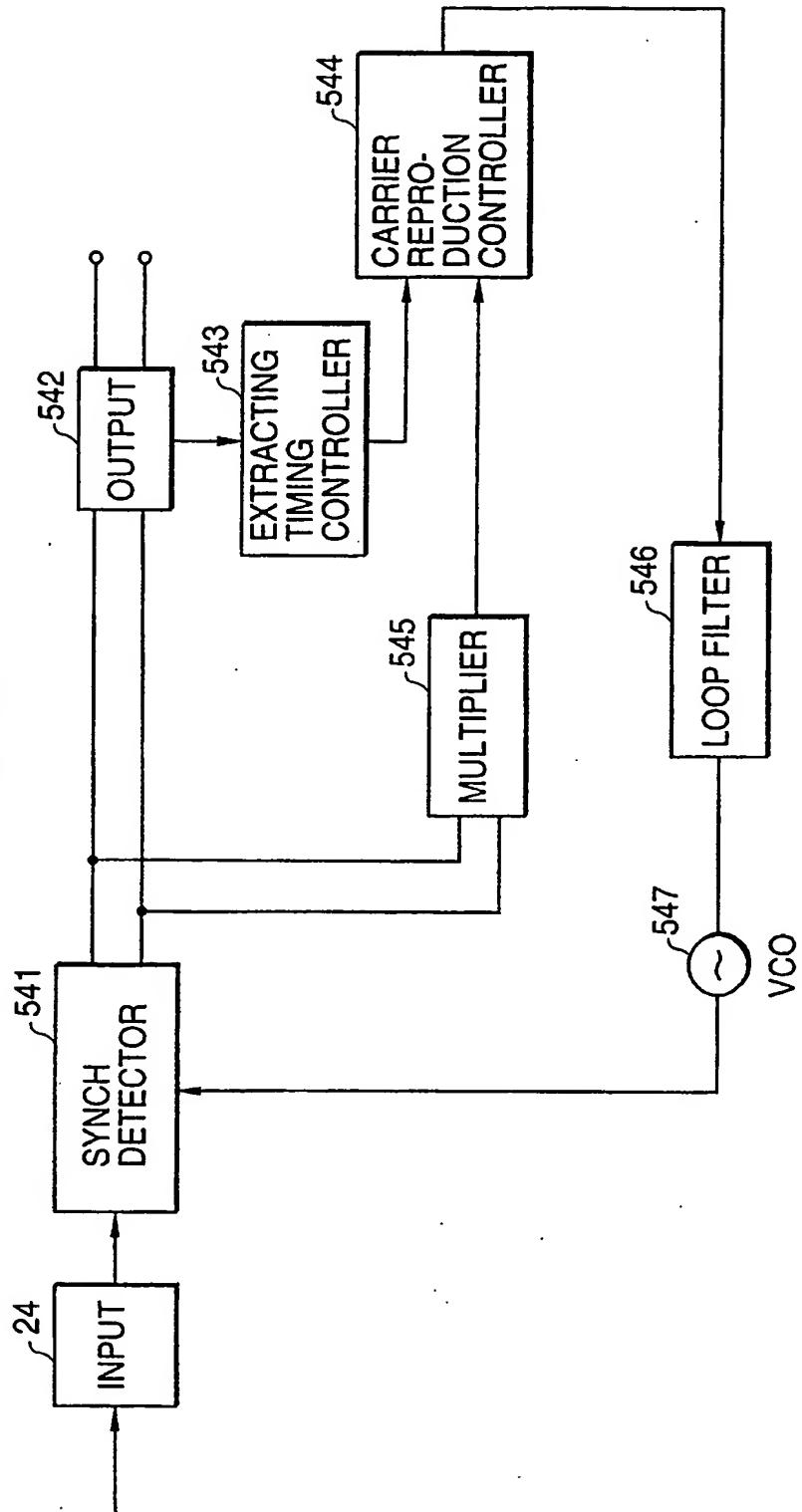
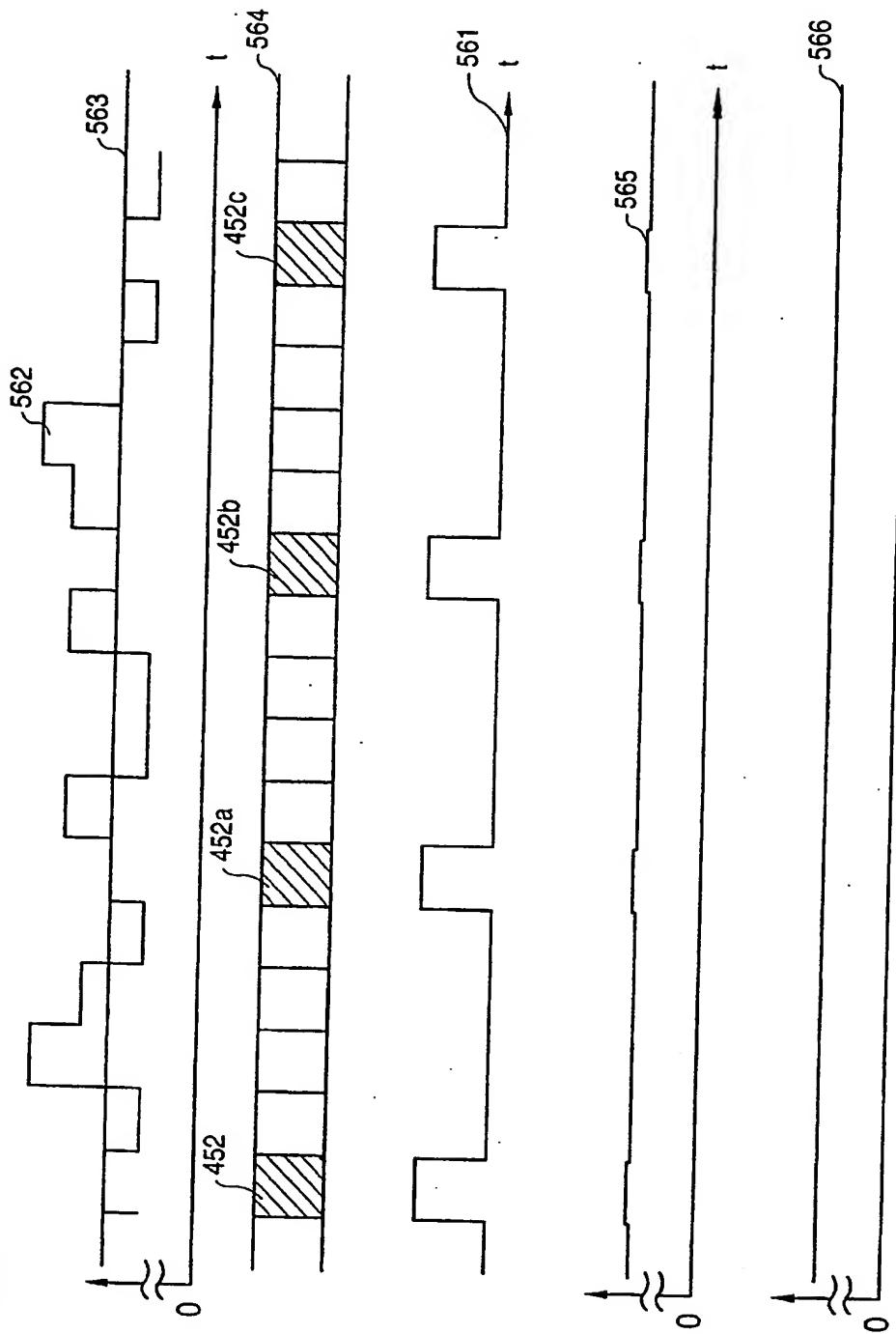


FIG. 44



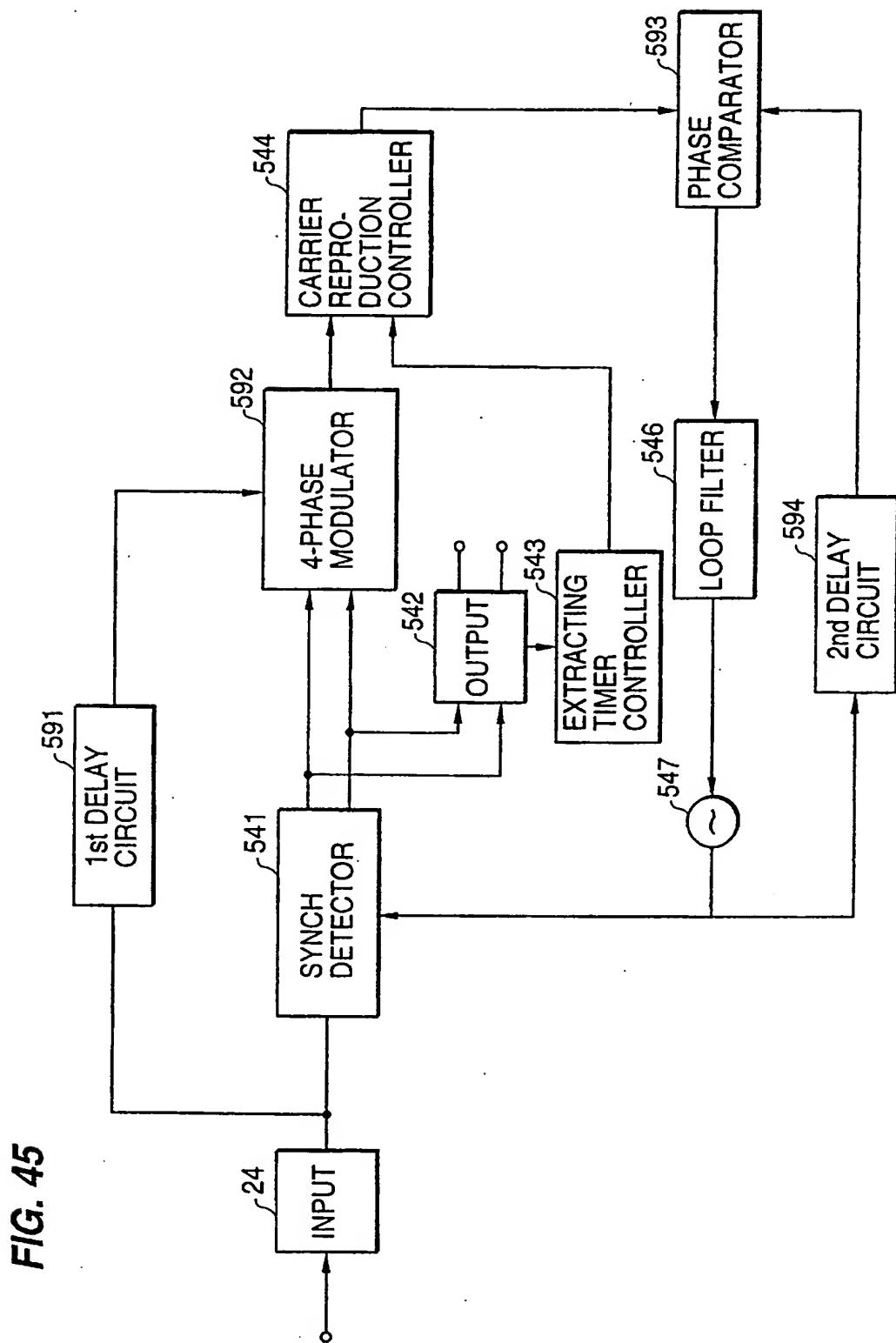


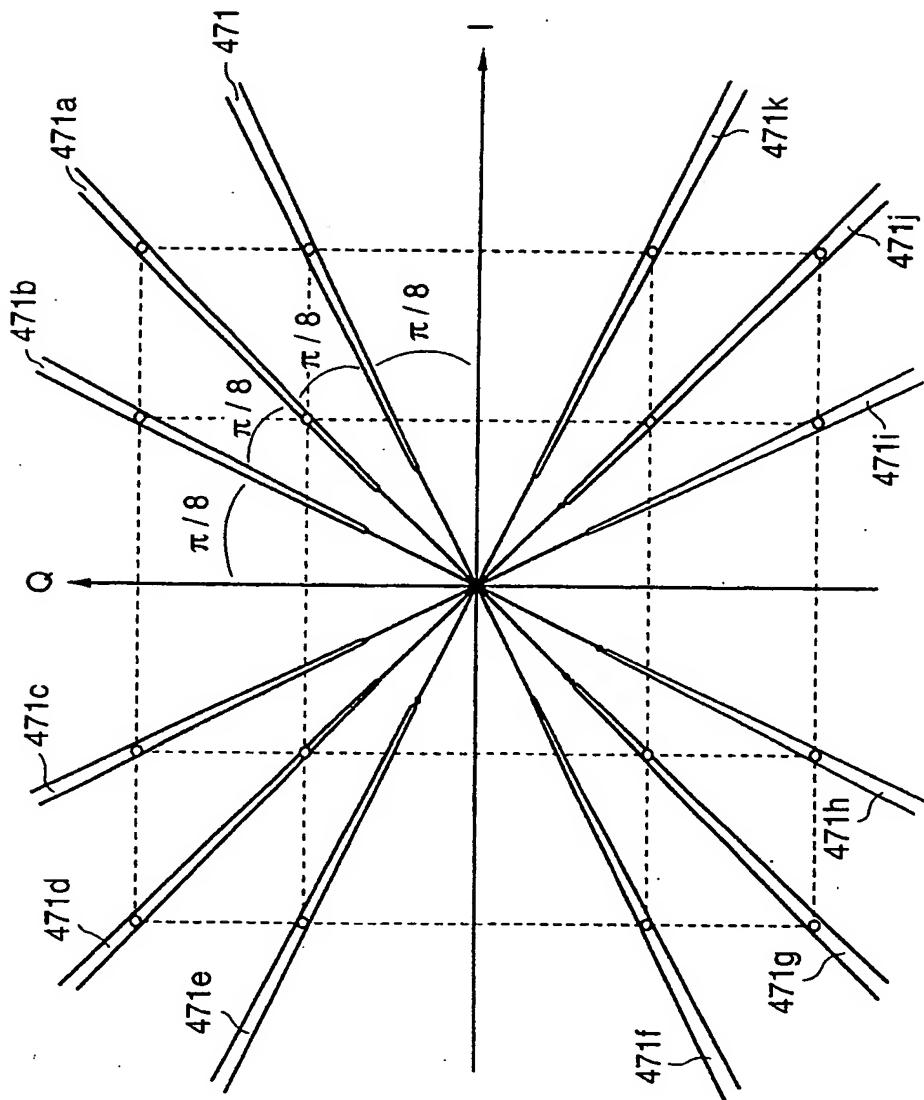
FIG. 46

FIG. 47

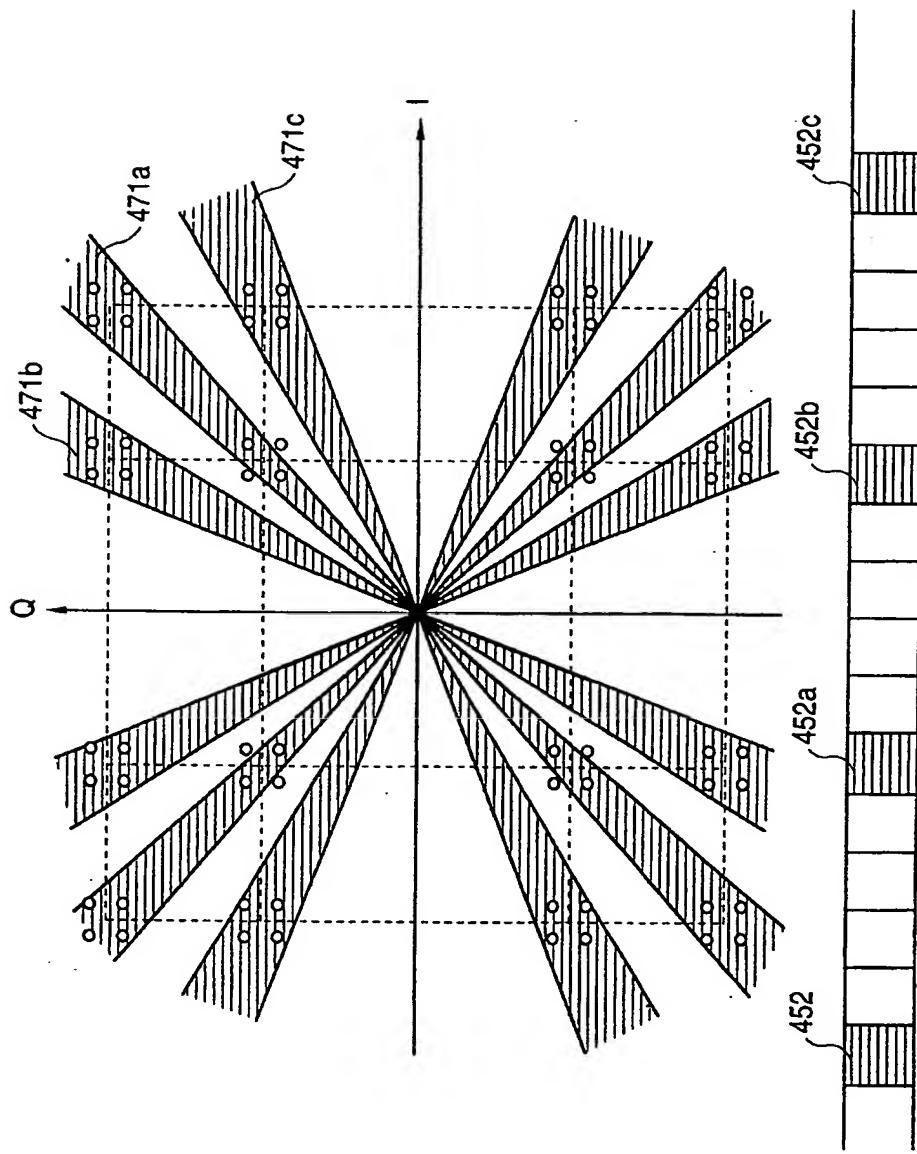


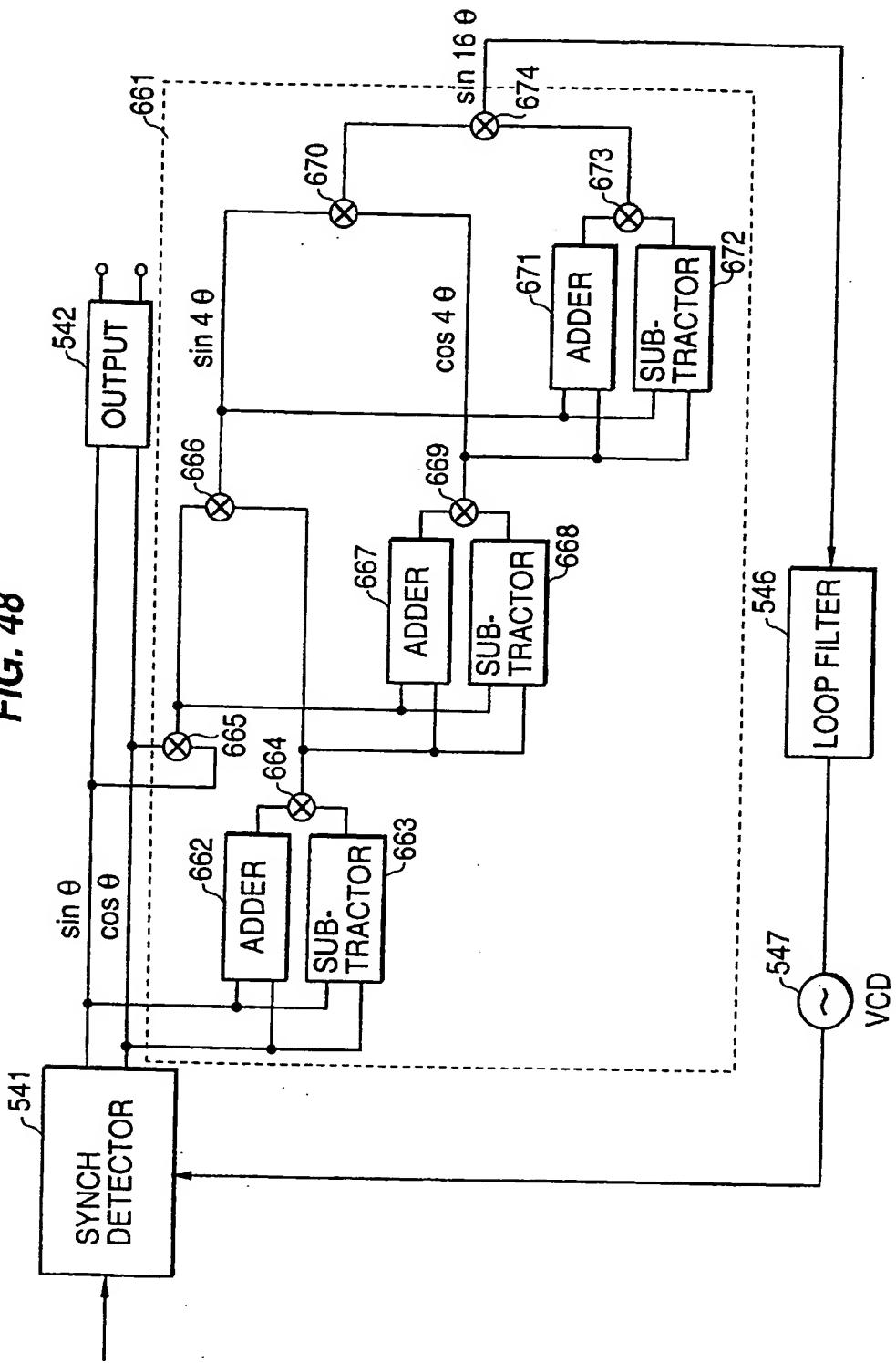
FIG. 48

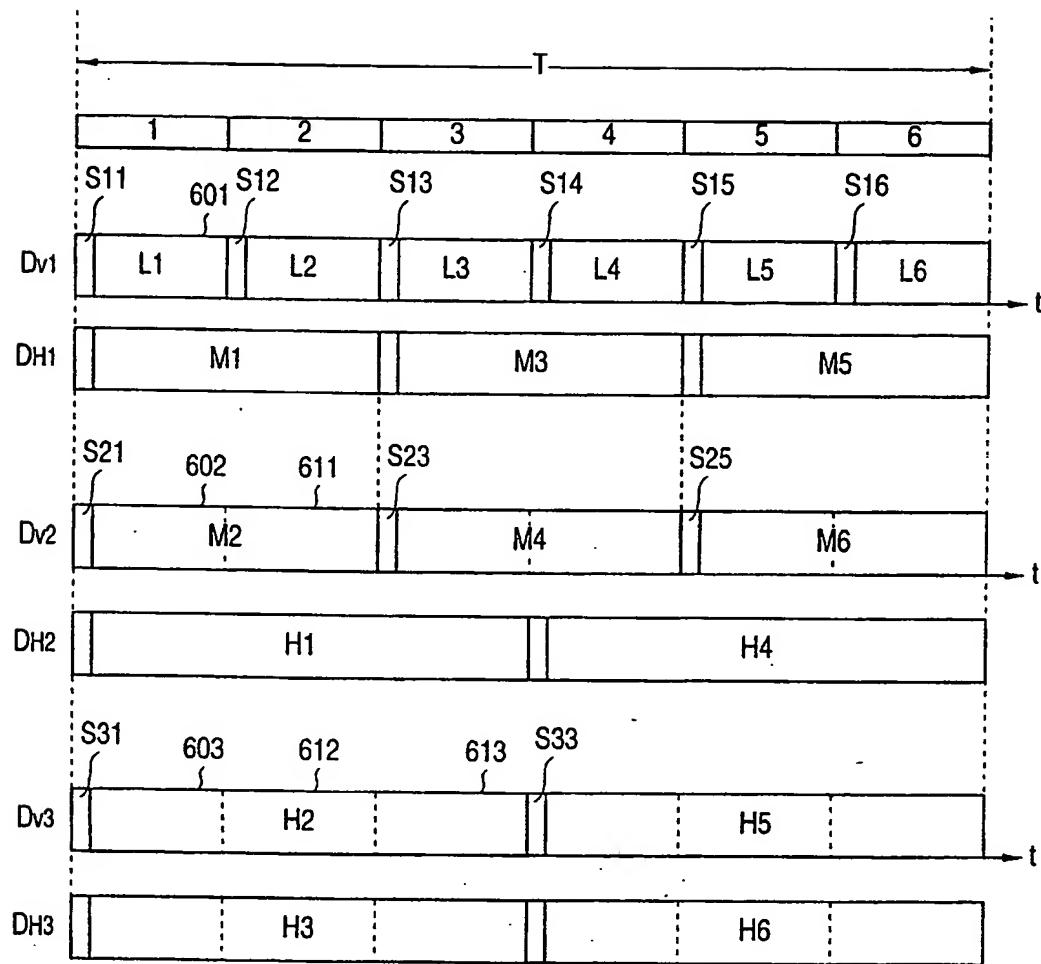
FIG. 49

FIG. 50

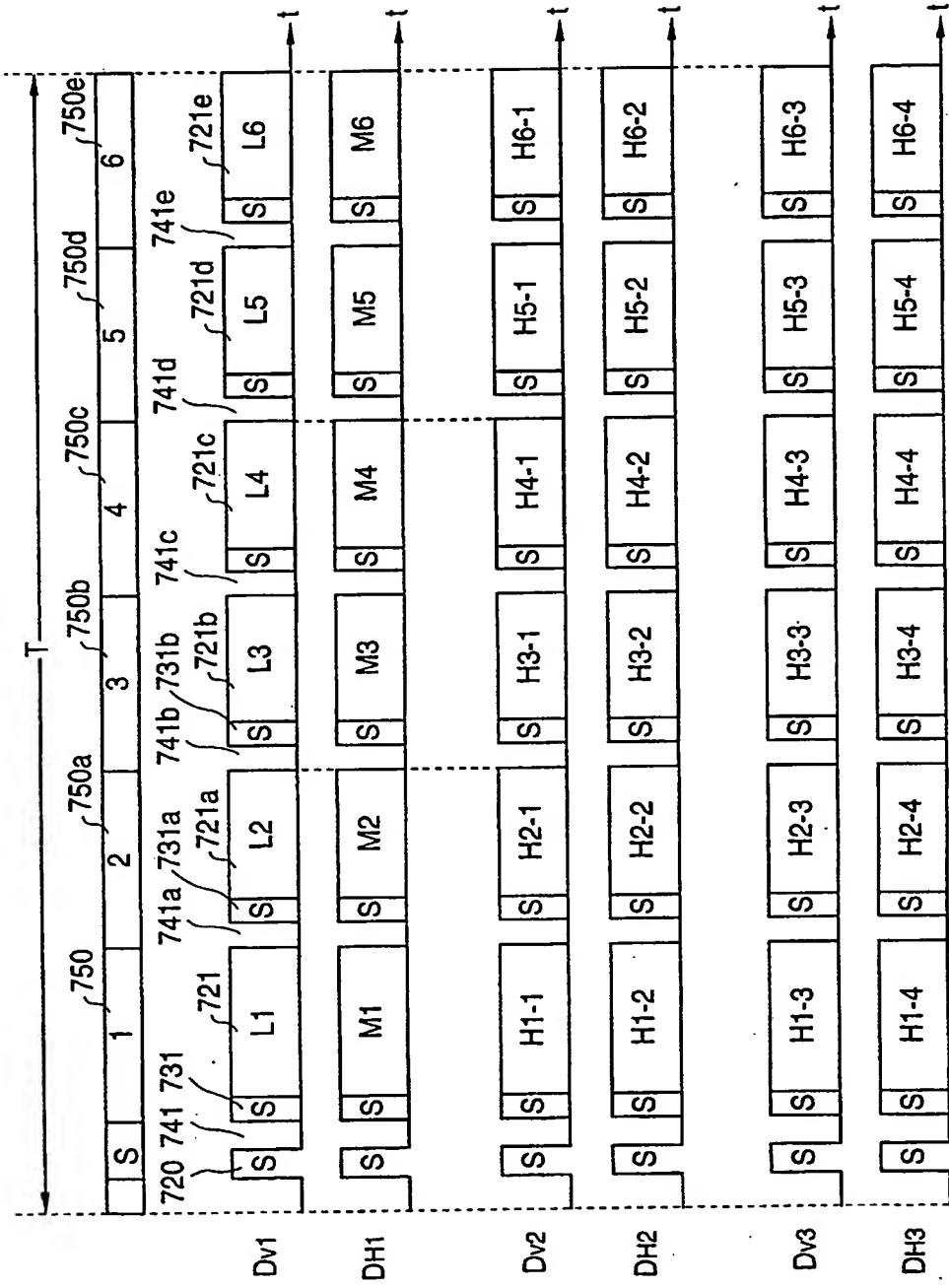


FIG. 51

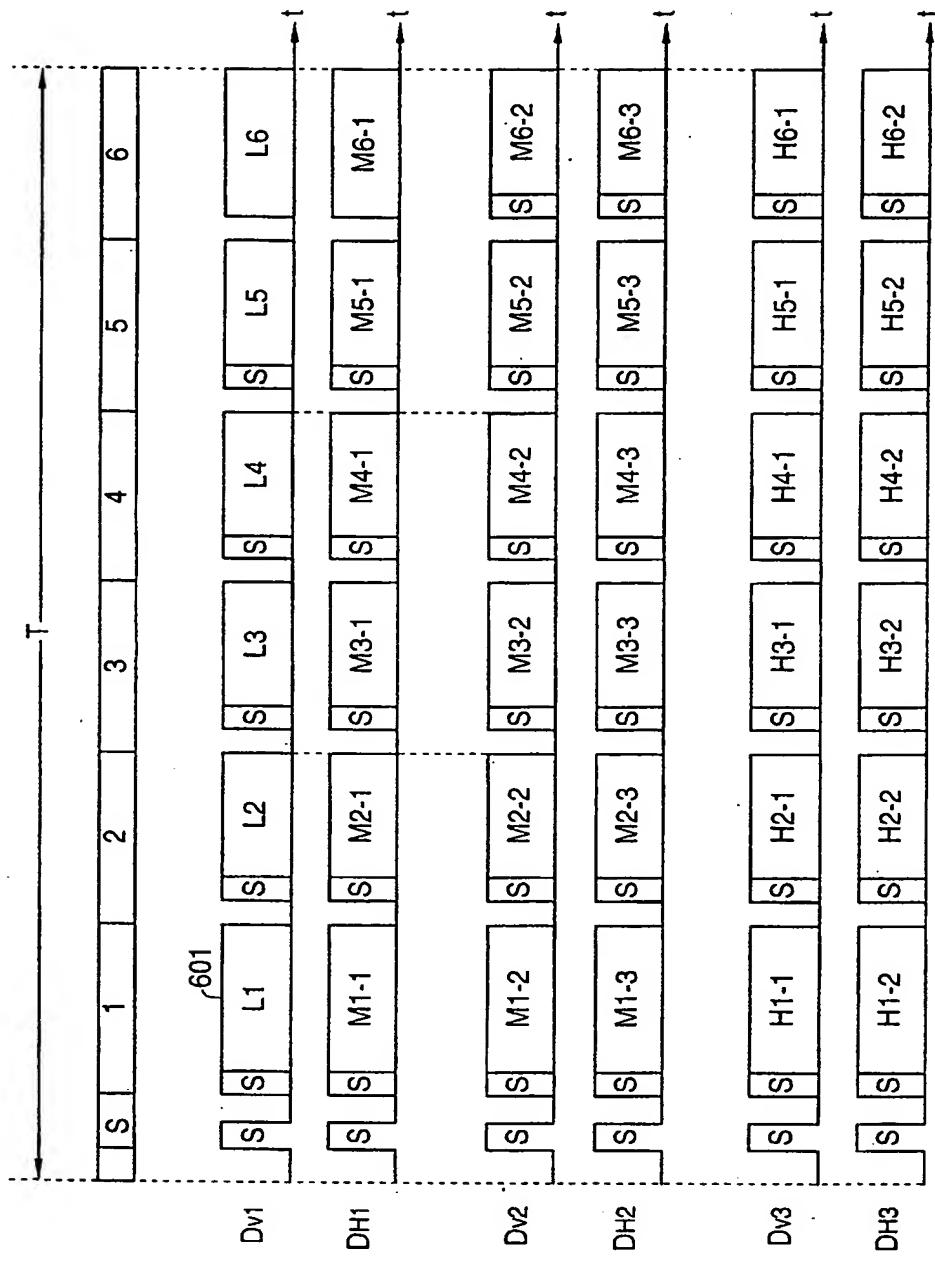


FIG. 52

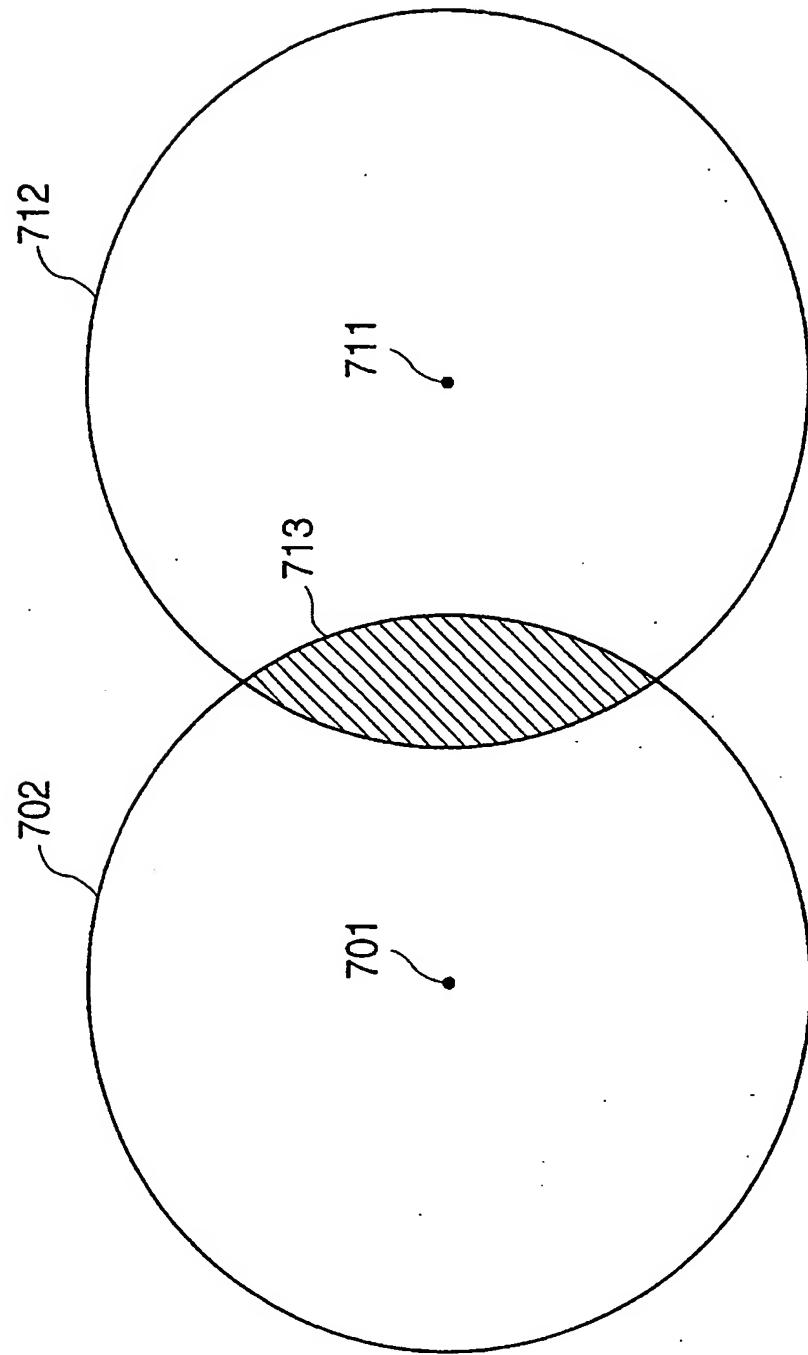


FIG. 53

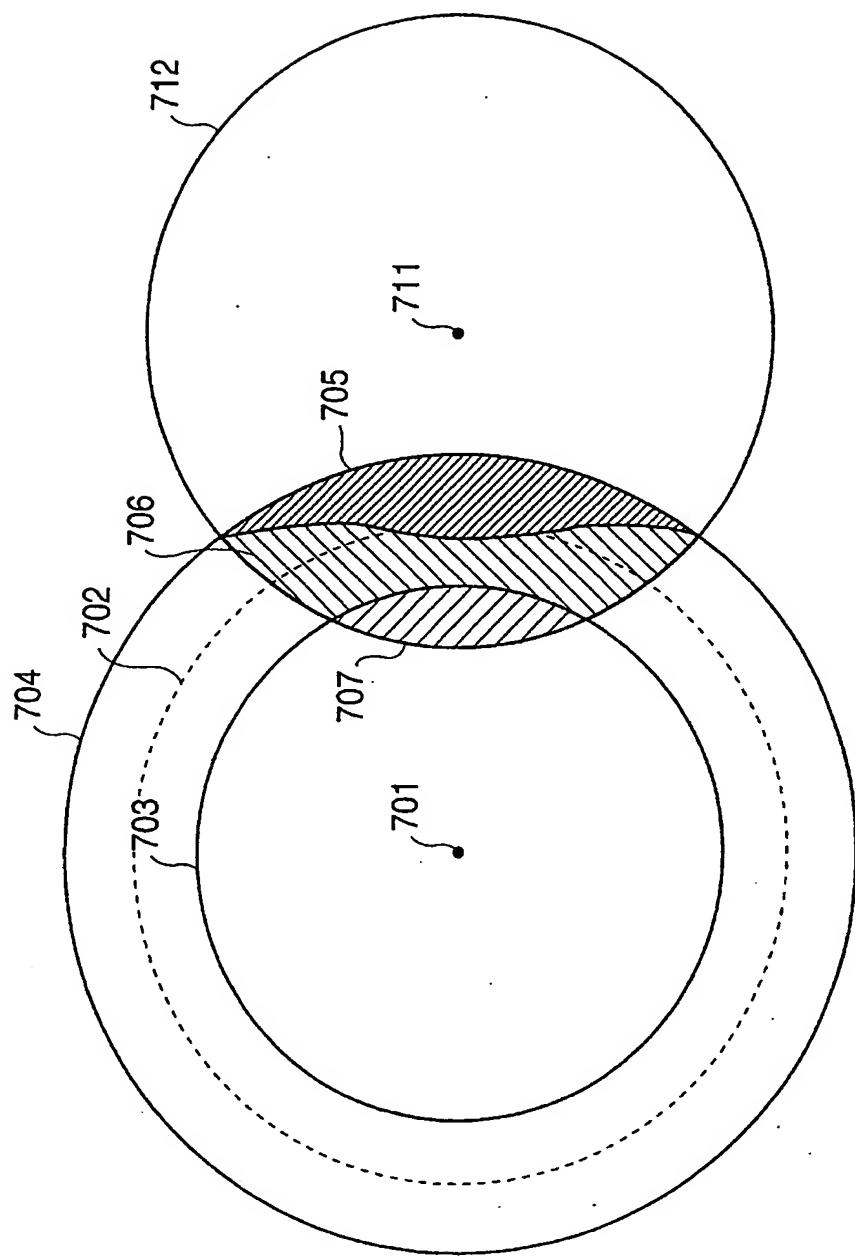


FIG. 54

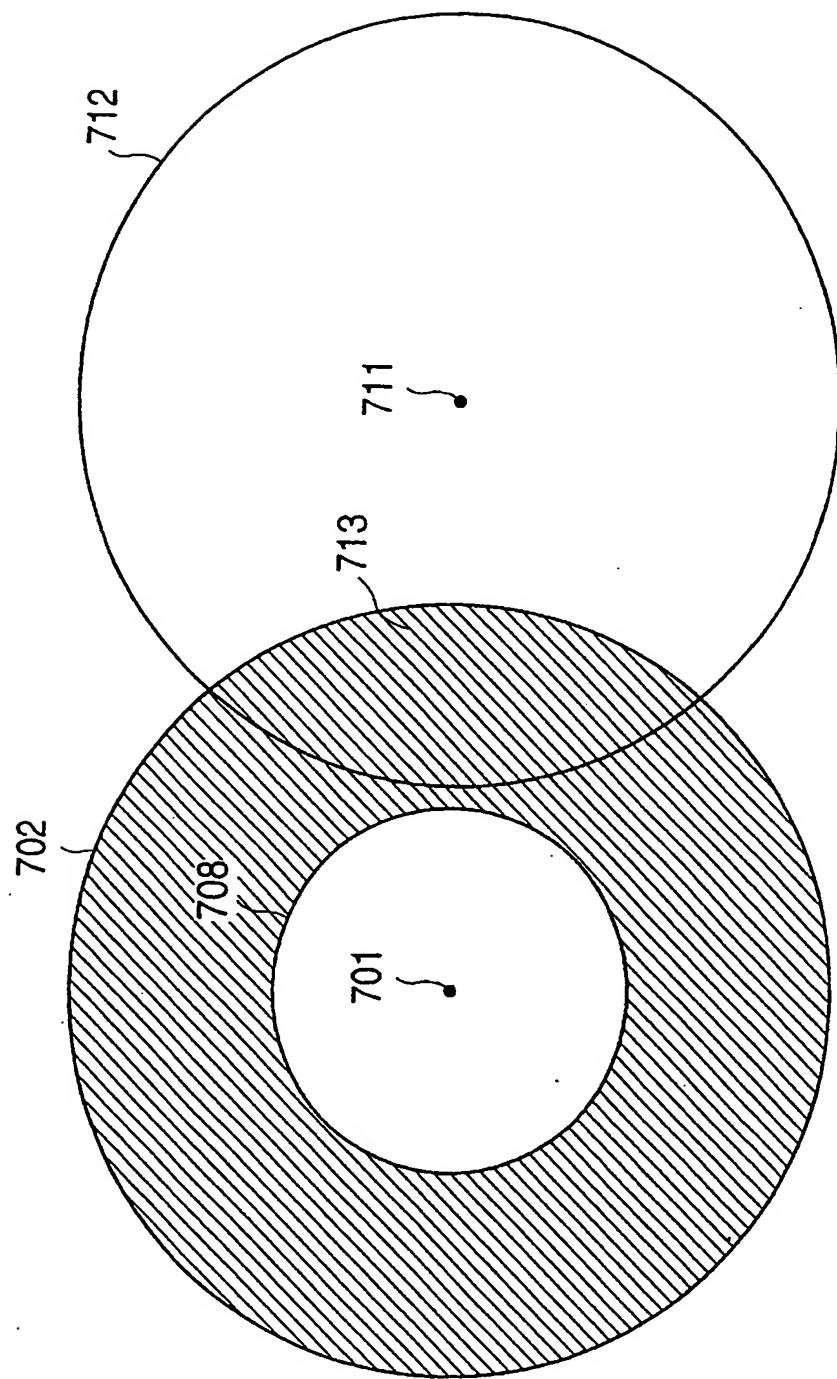


FIG. 55

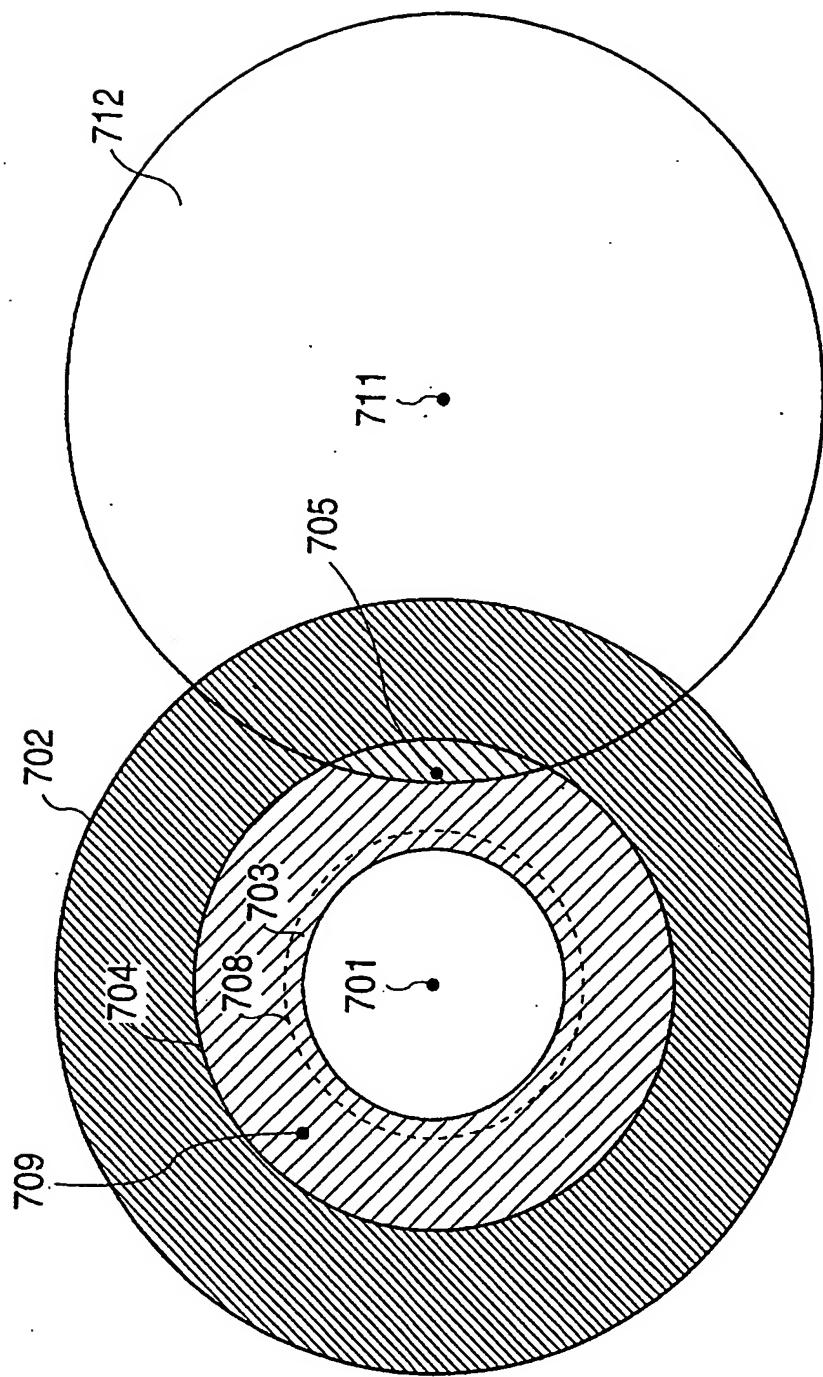


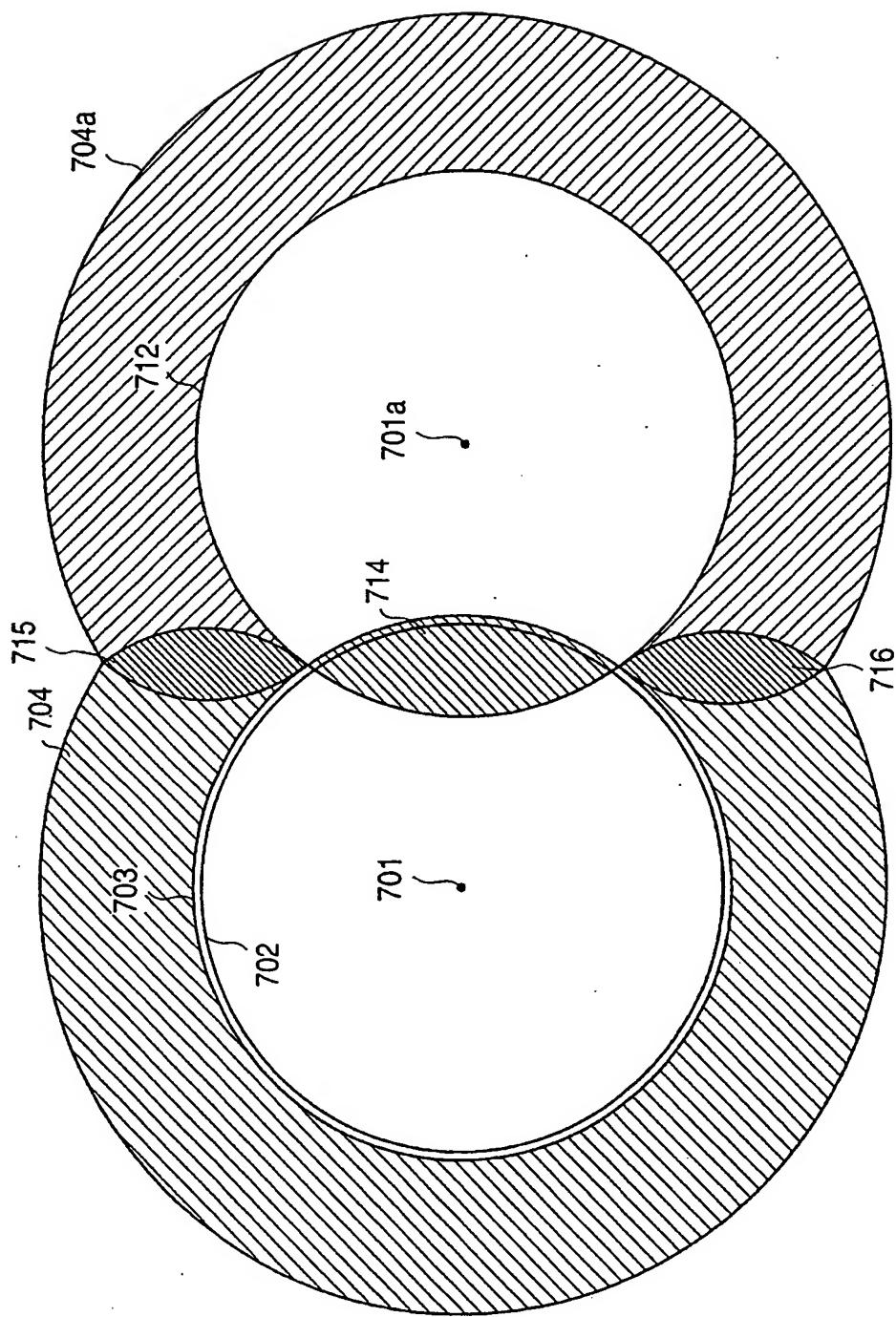
FIG. 56

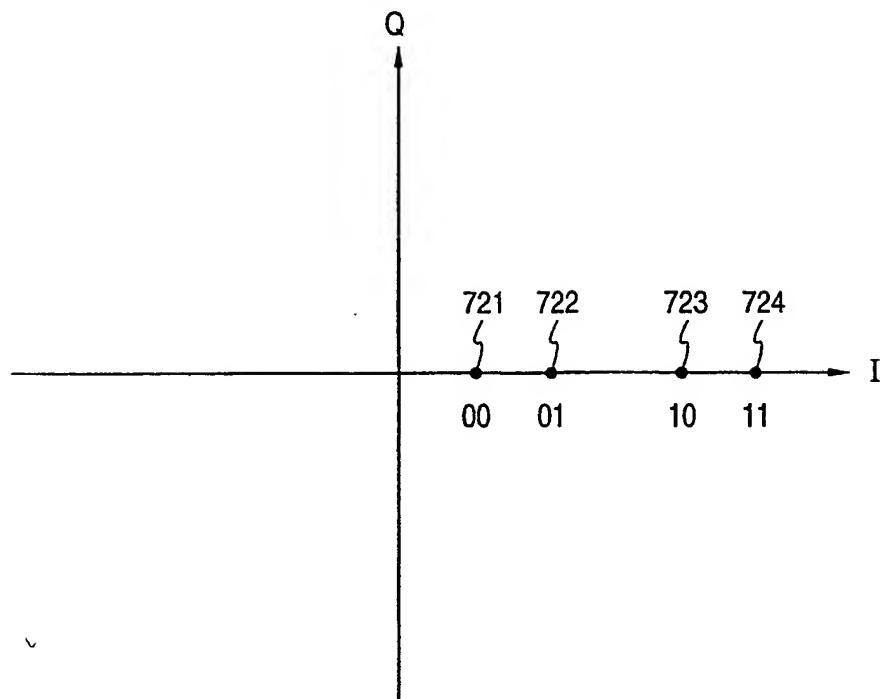
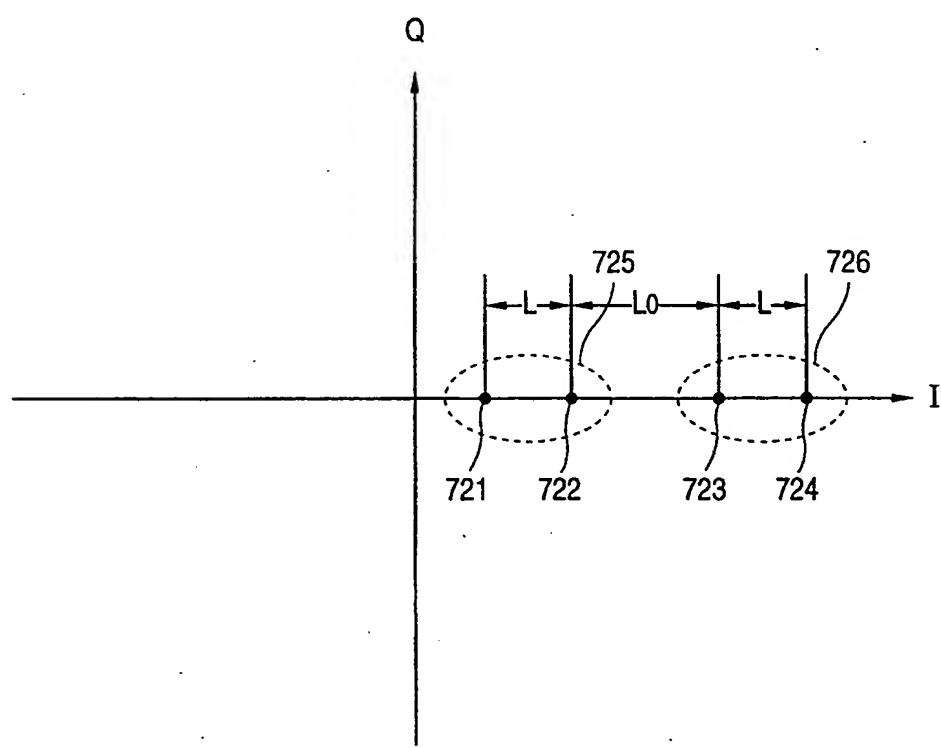
FIG. 57**FIG. 58**

FIG. 59(a)

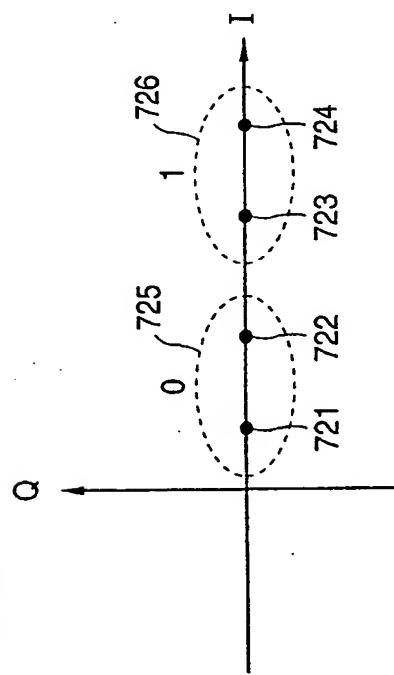


FIG. 59(c)

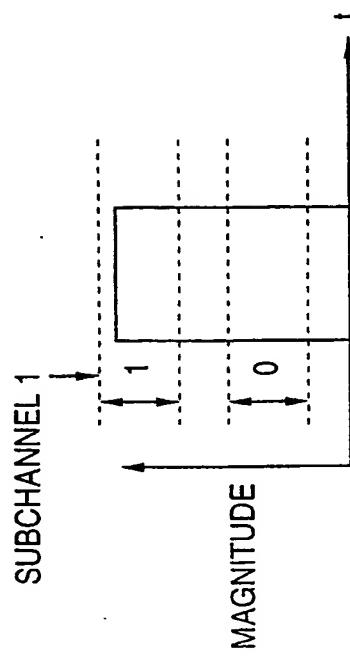


FIG. 59(b)

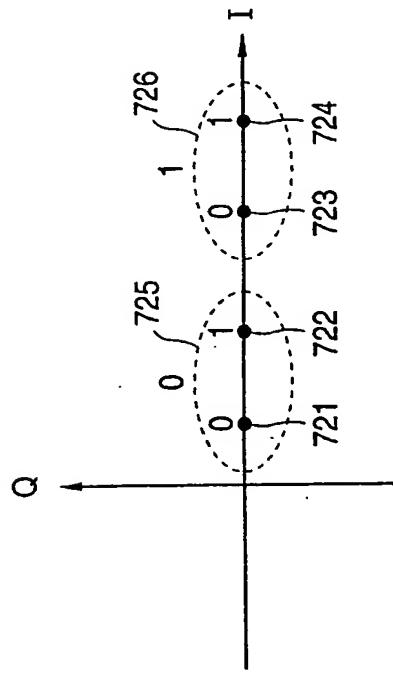
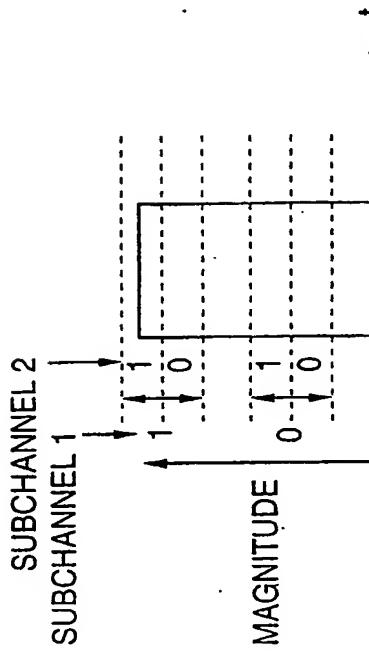


FIG. 59(d)



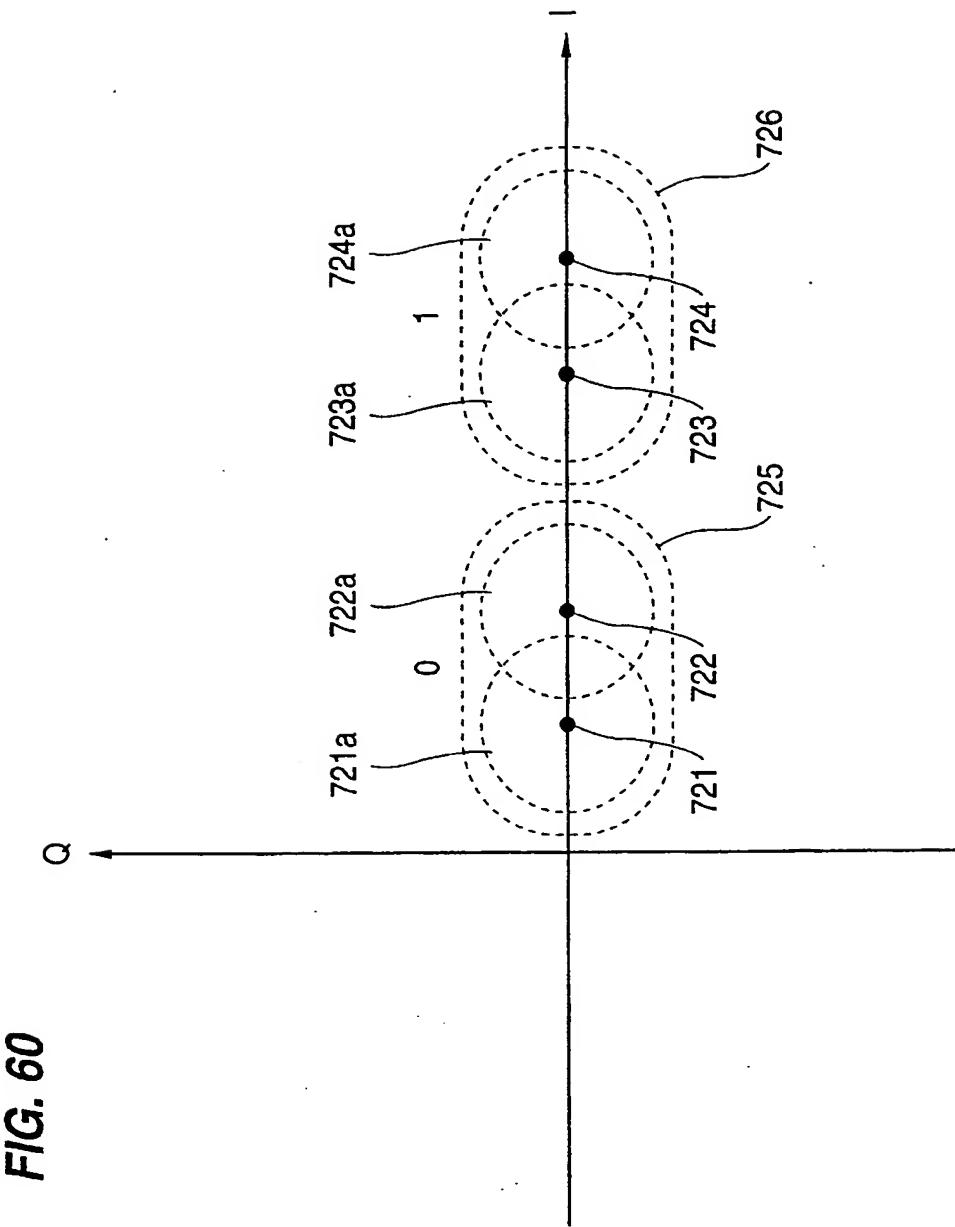


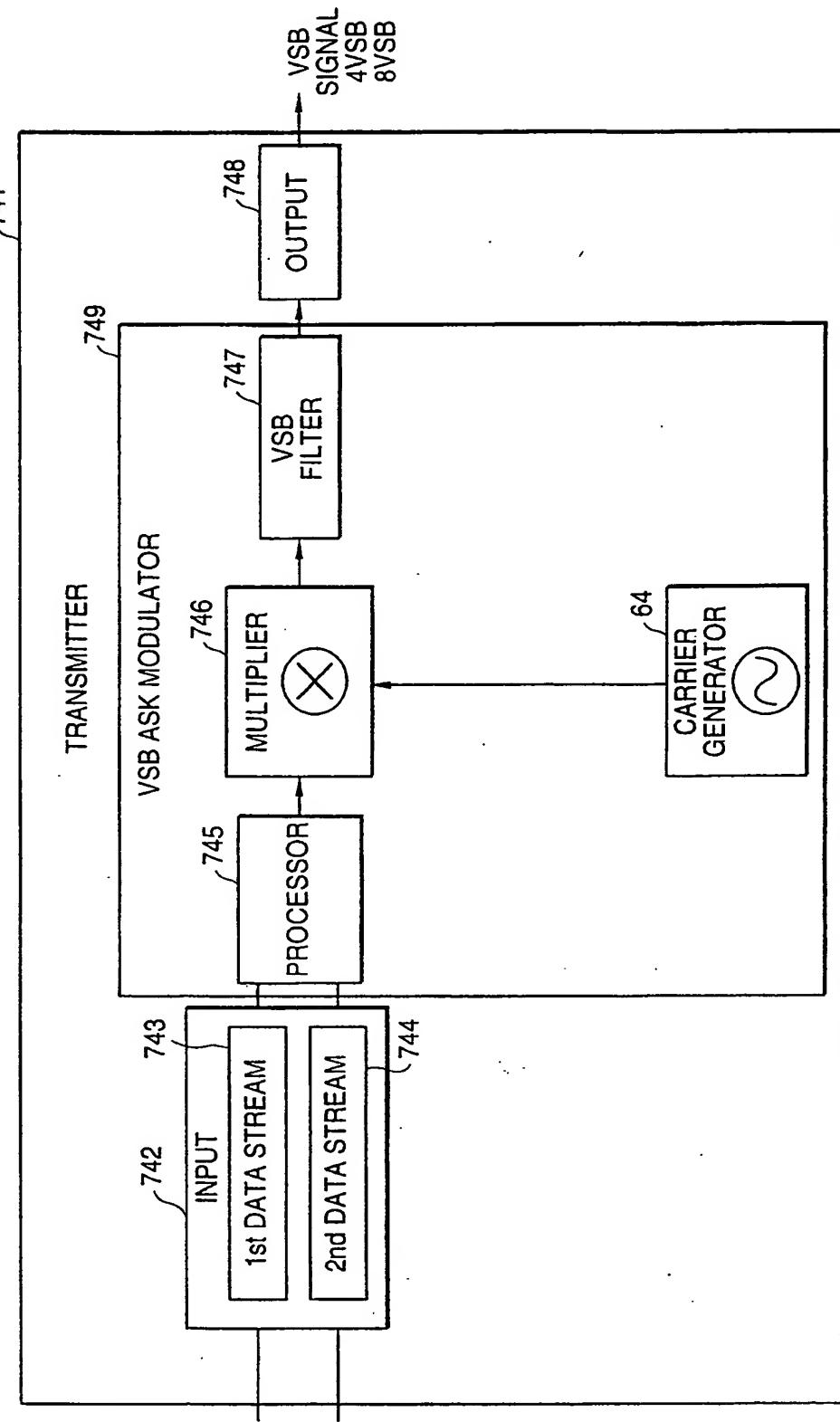
FIG. 61

FIG. 62(a)
CARRIER
SPECTRUM OF ASK SIGNAL

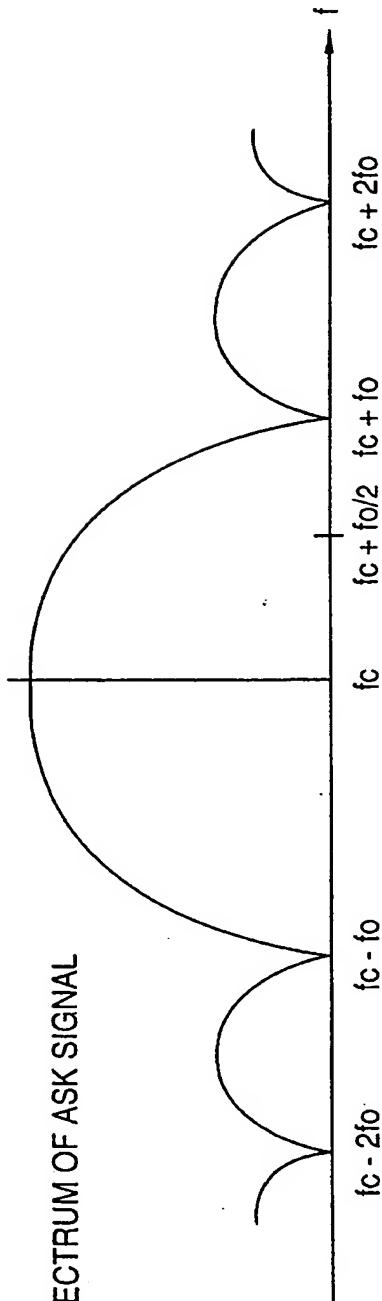


FIG. 62(b)

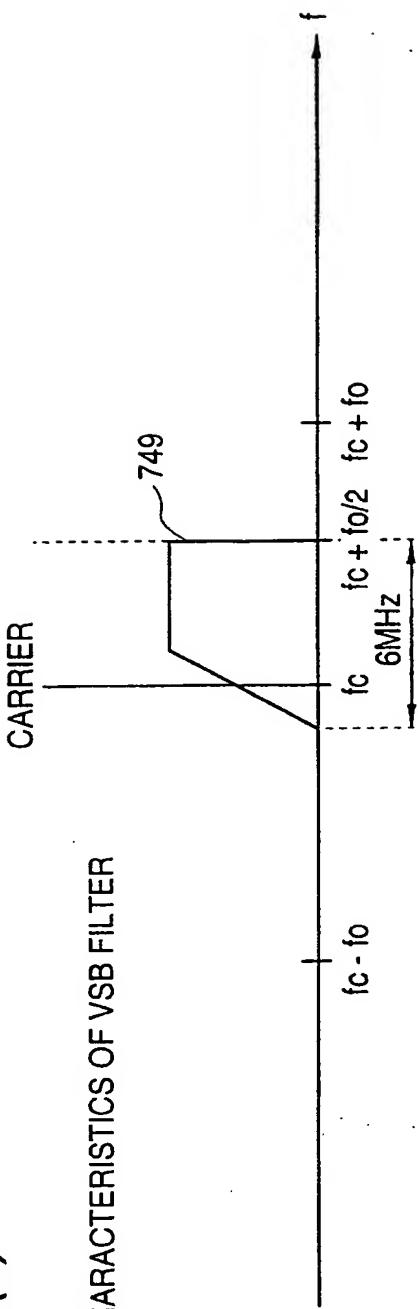


FIG. 63

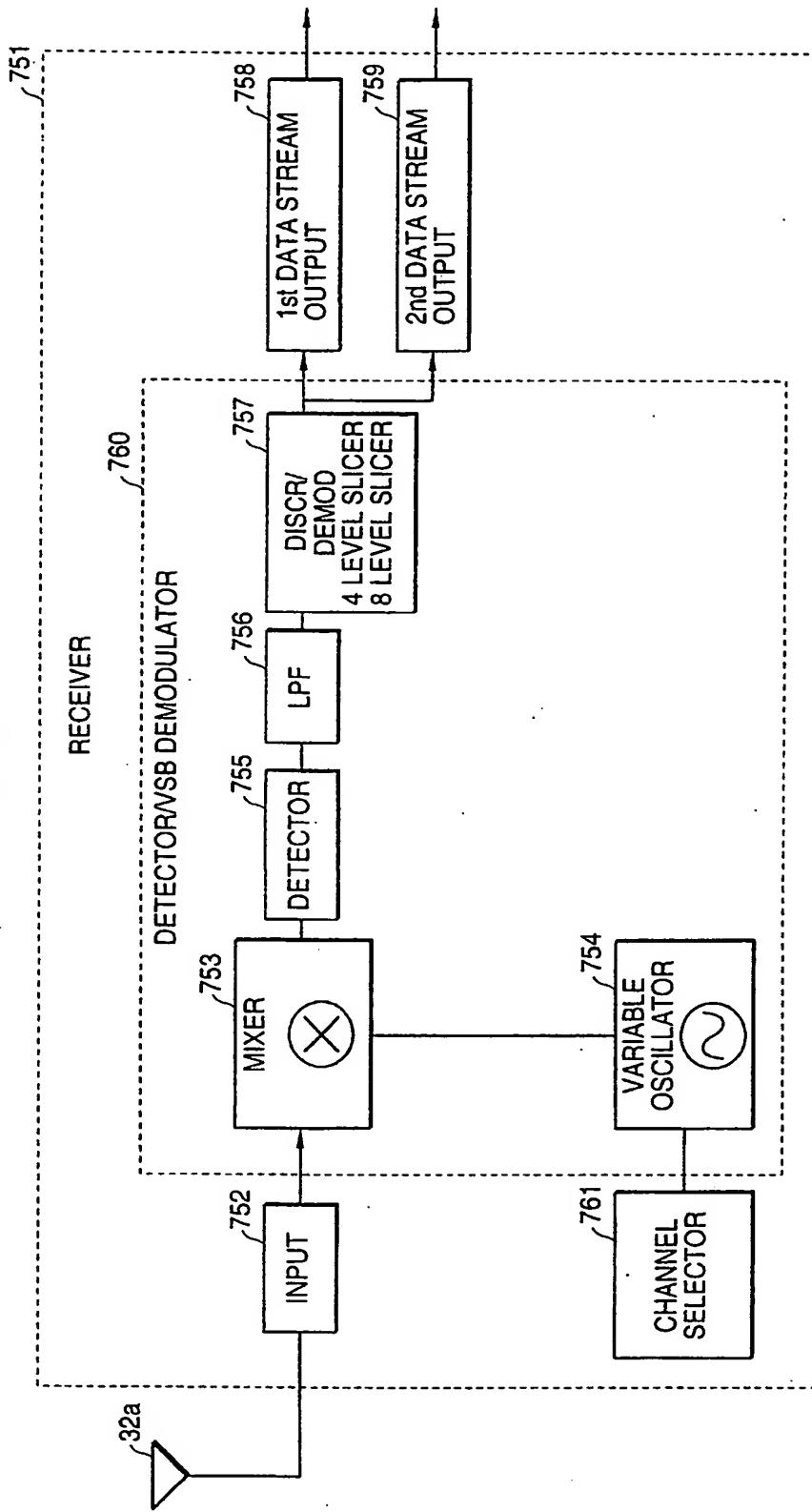
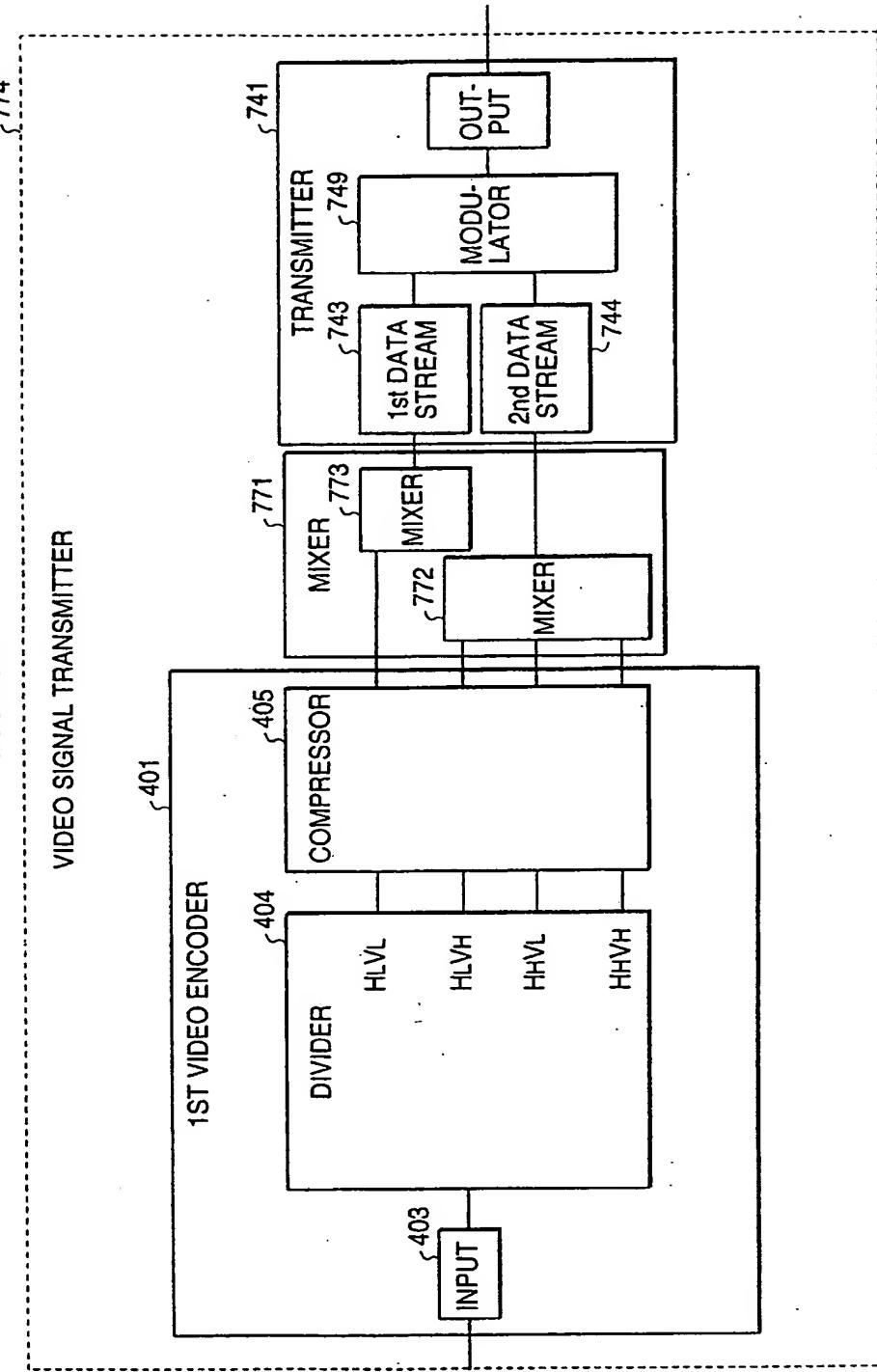


FIG. 64

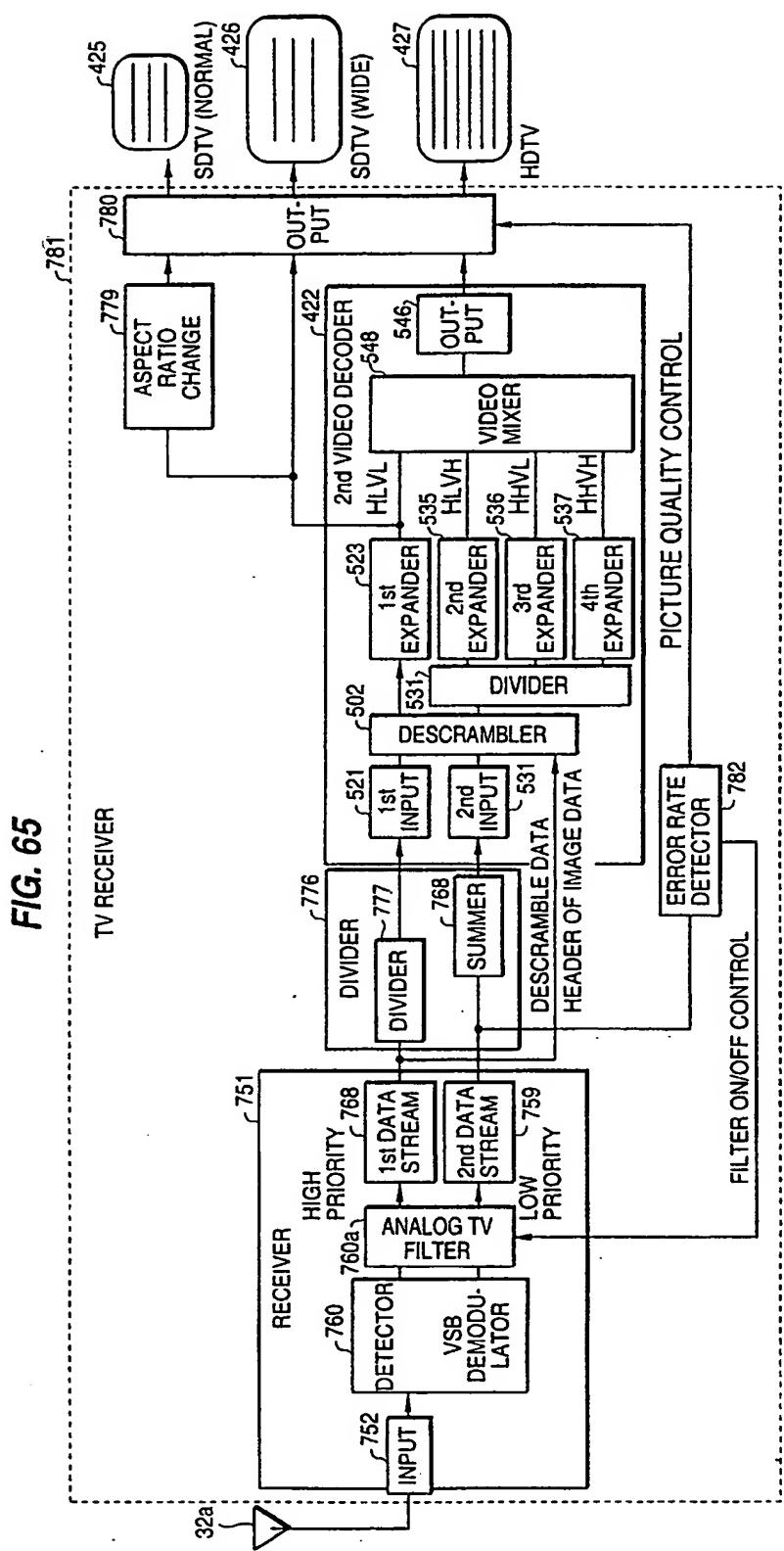
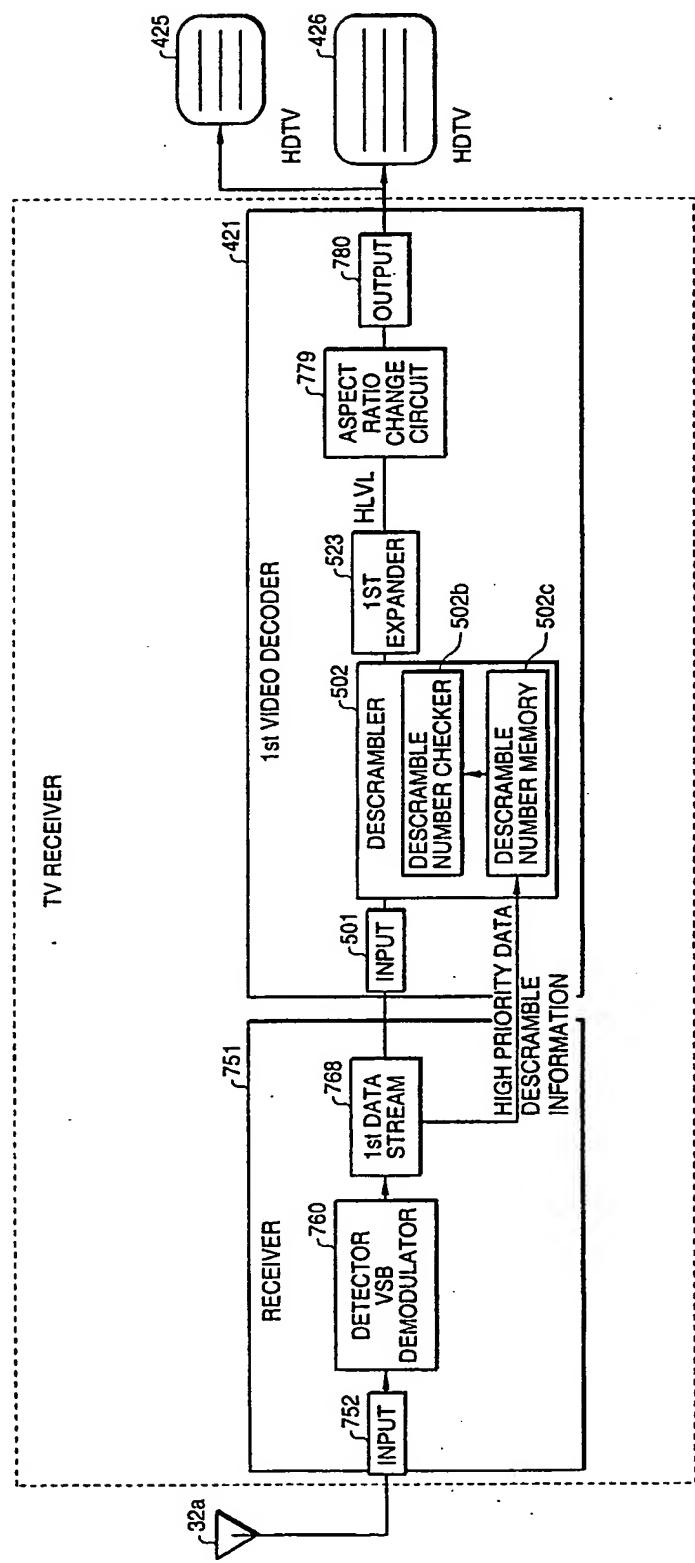
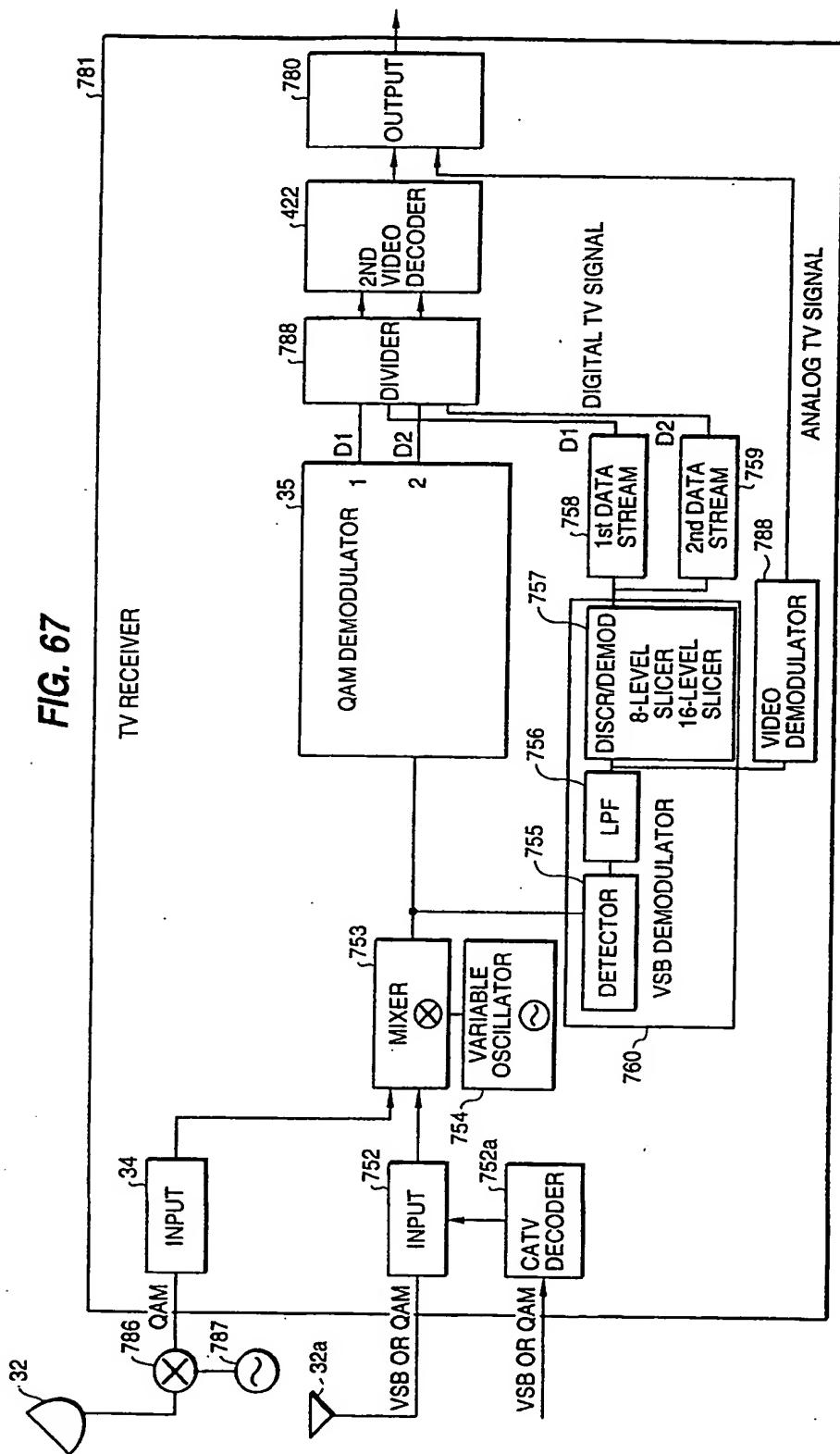


FIG. 66





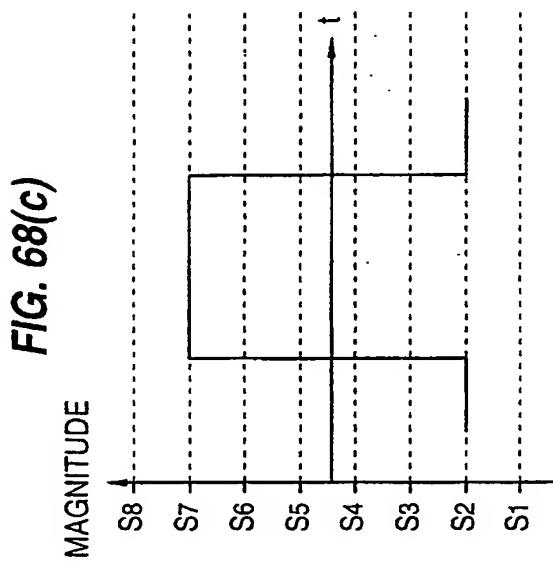
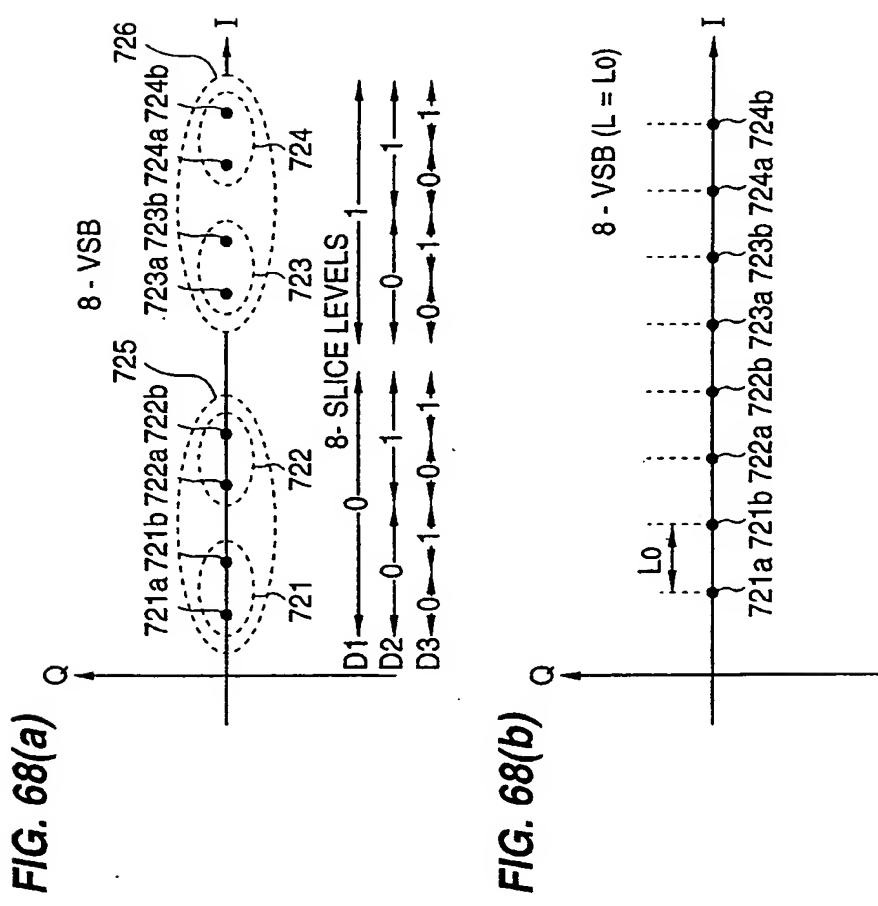


FIG. 69

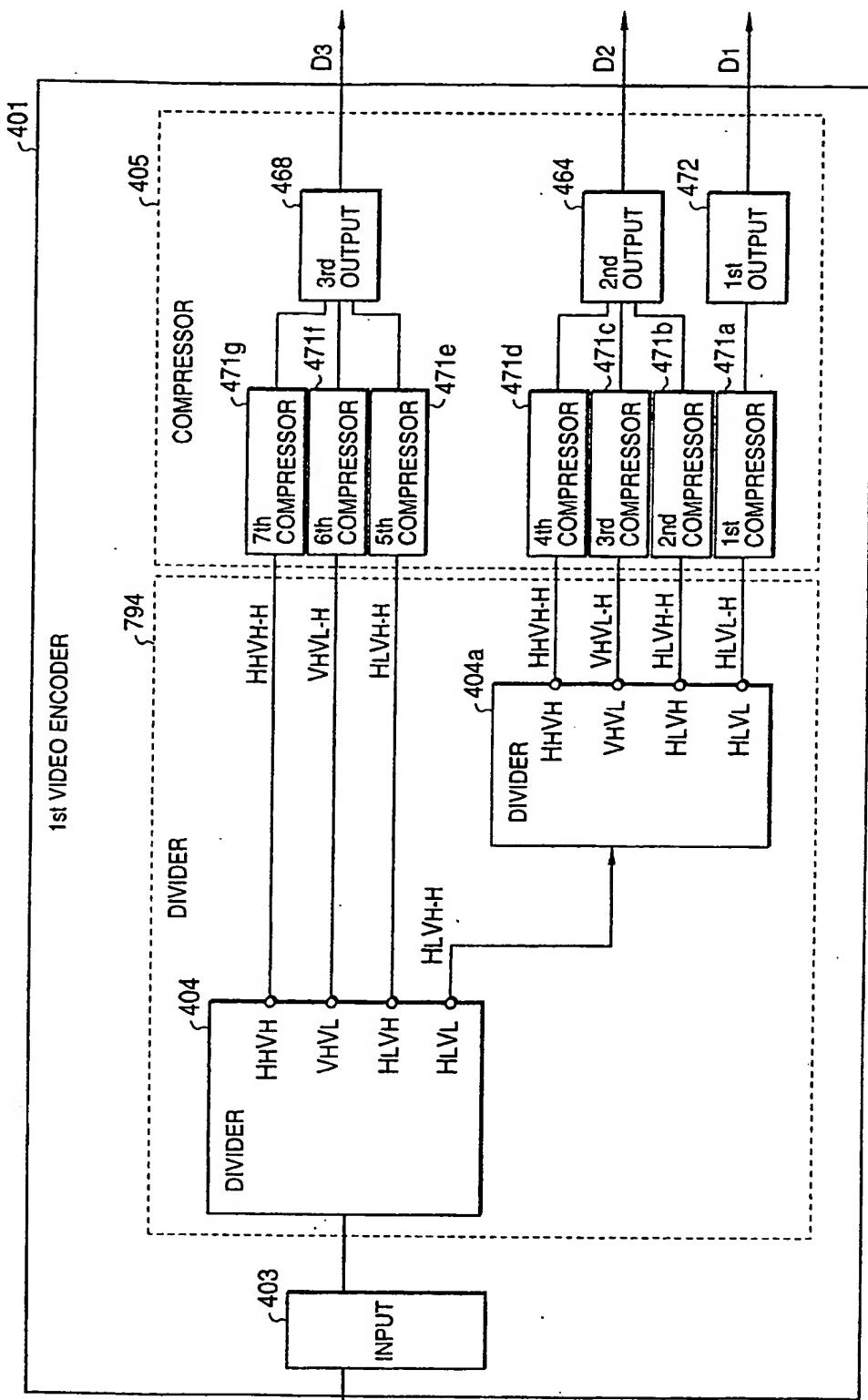


FIG. 70

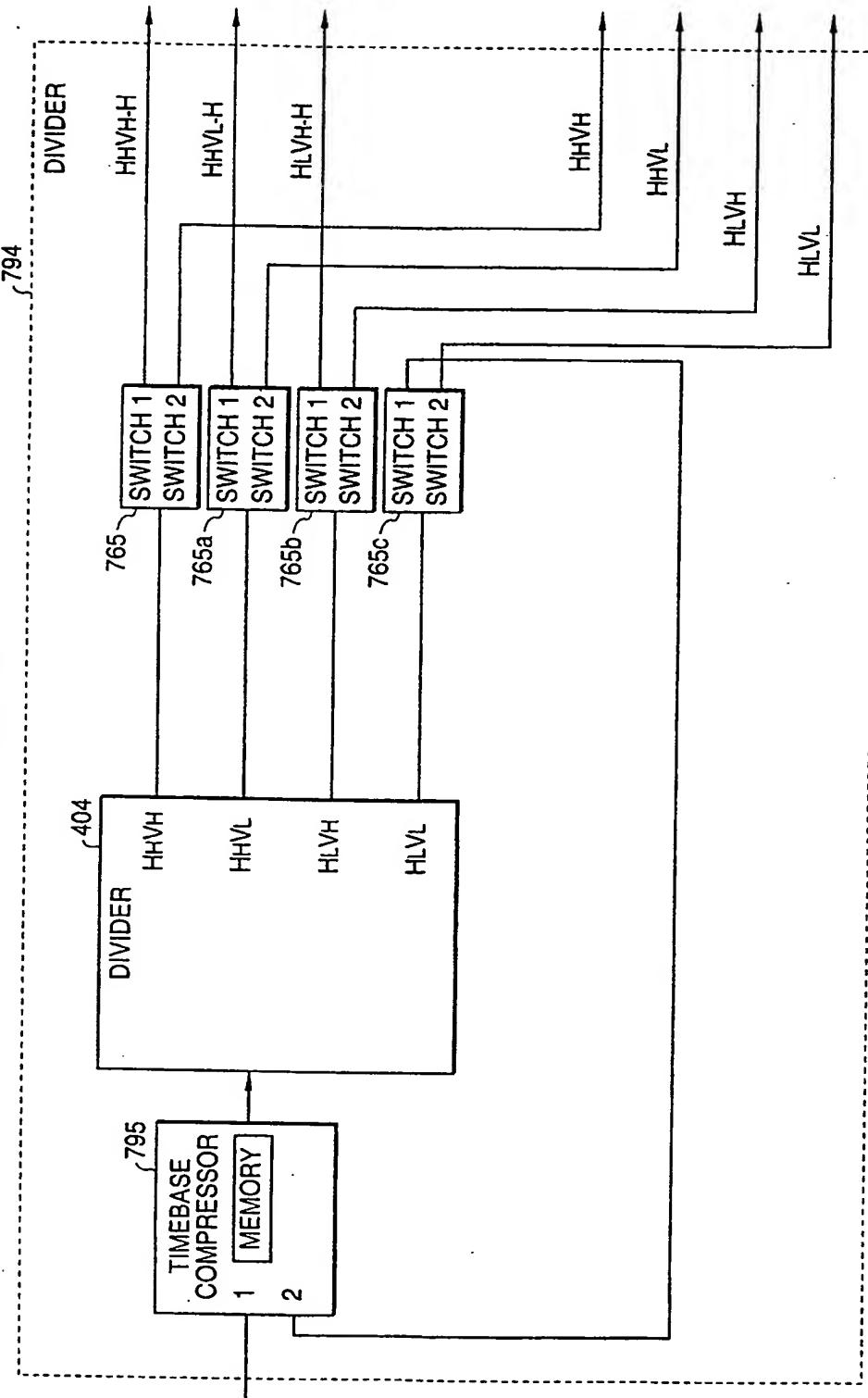


FIG. 71

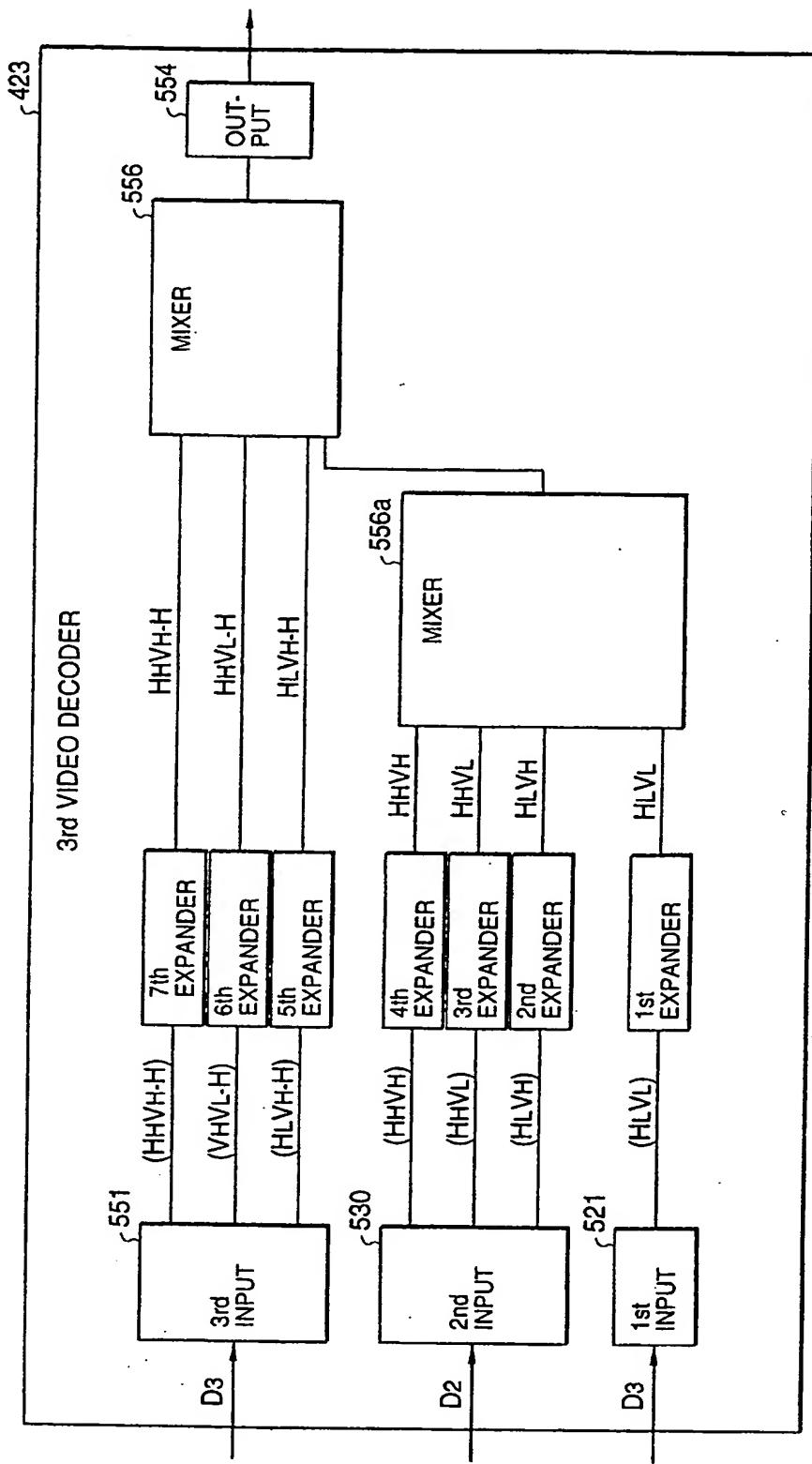


FIG. 72

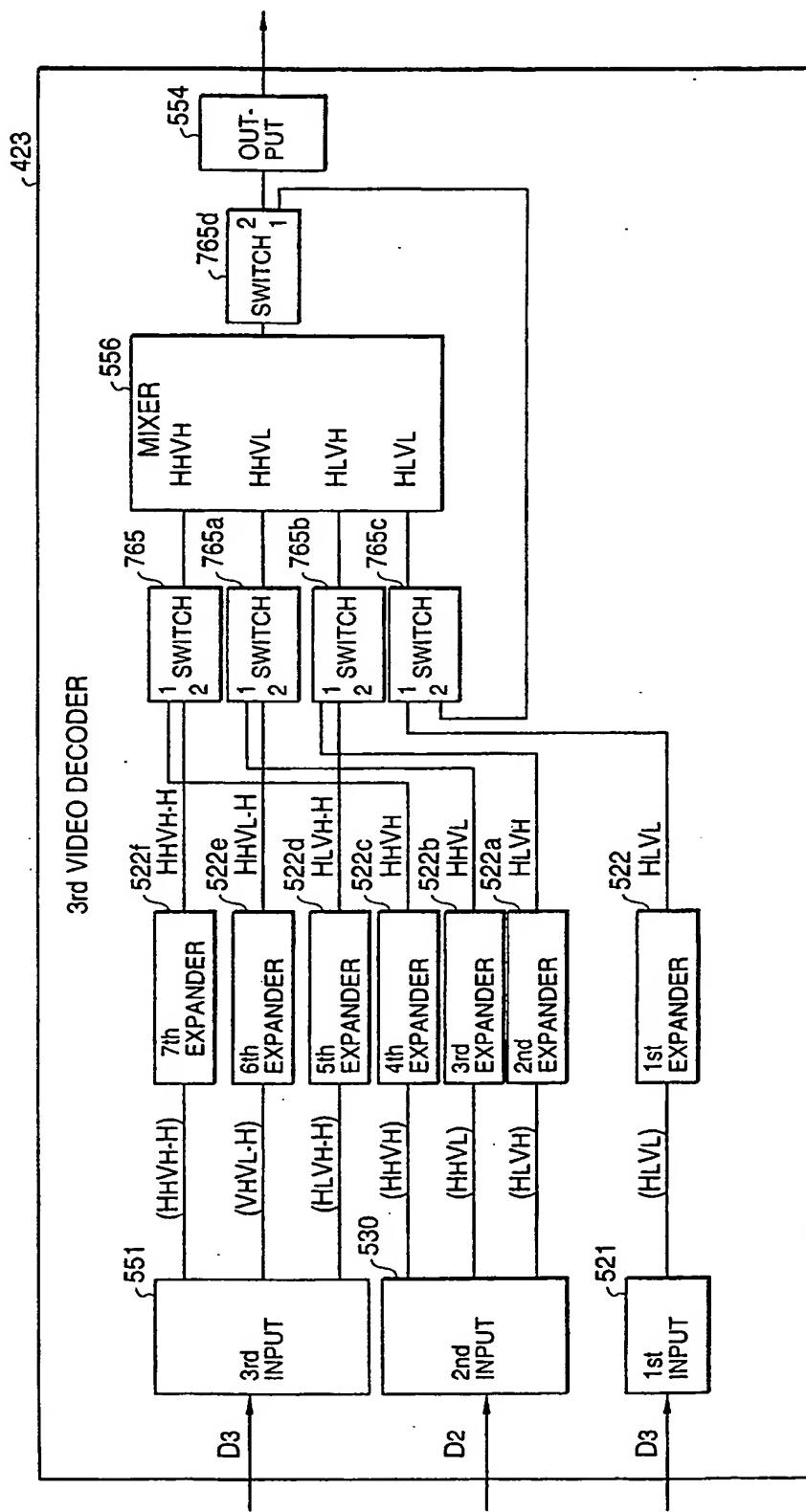


FIG. 73

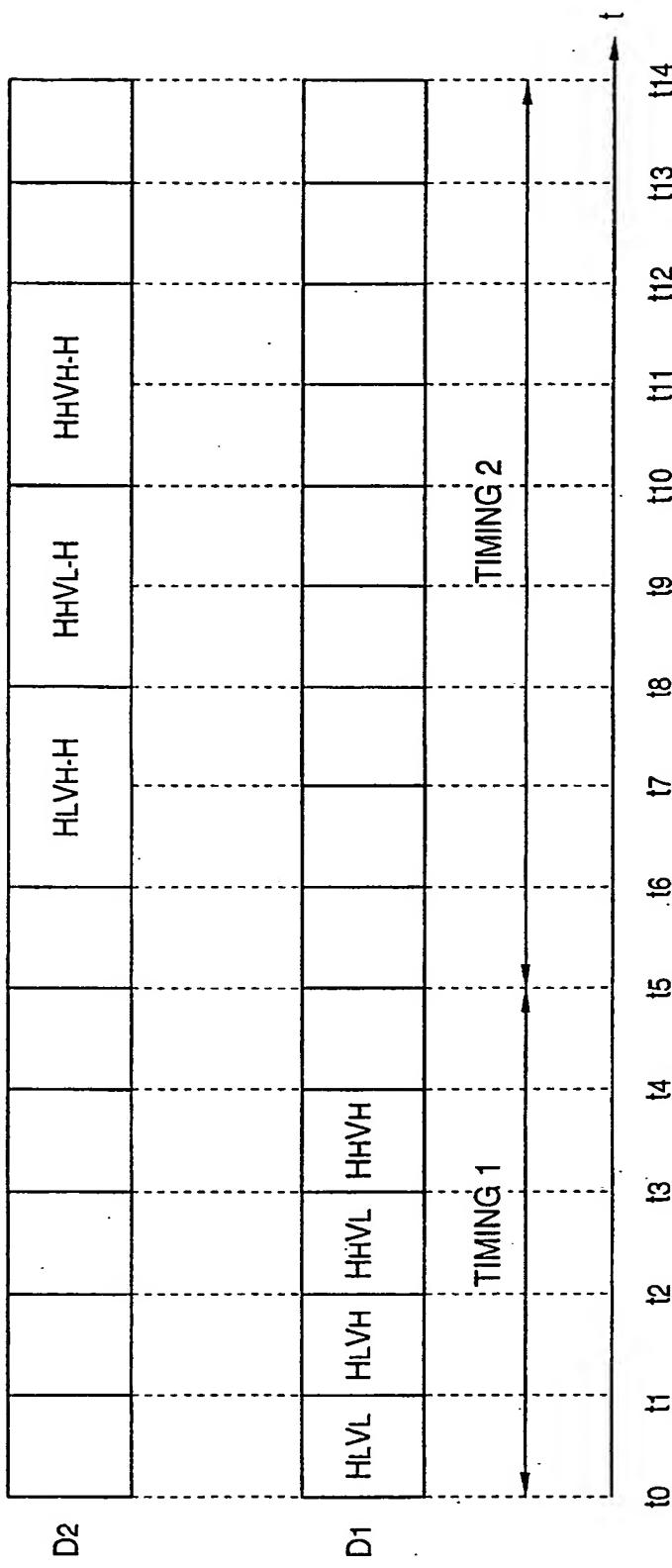


FIG. 74(a)

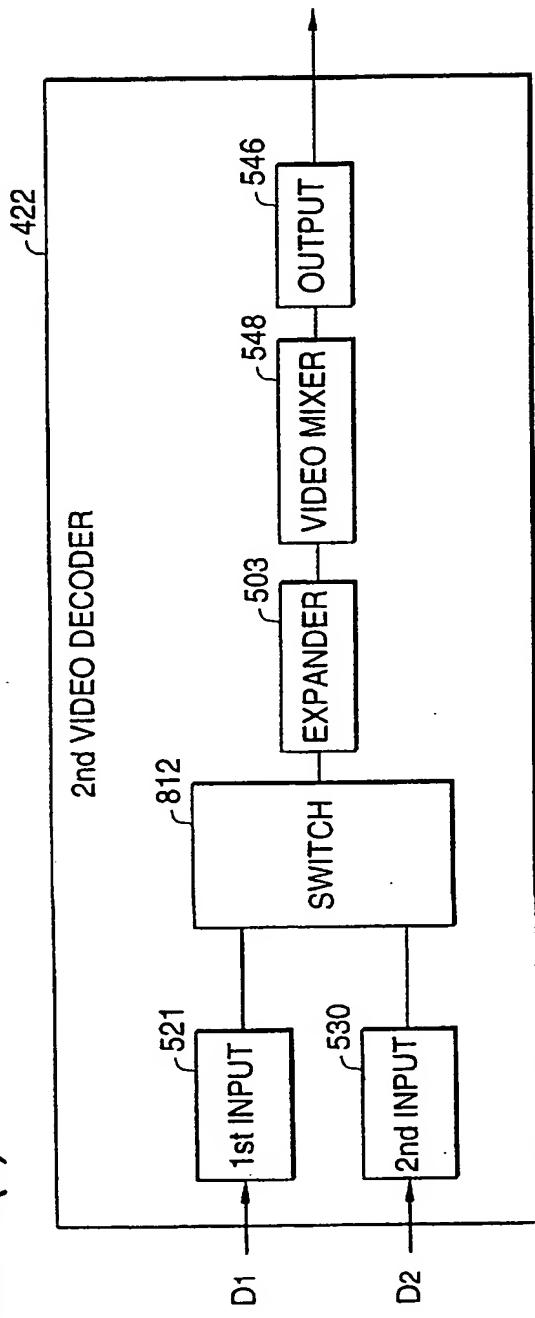


FIG. 74(b)

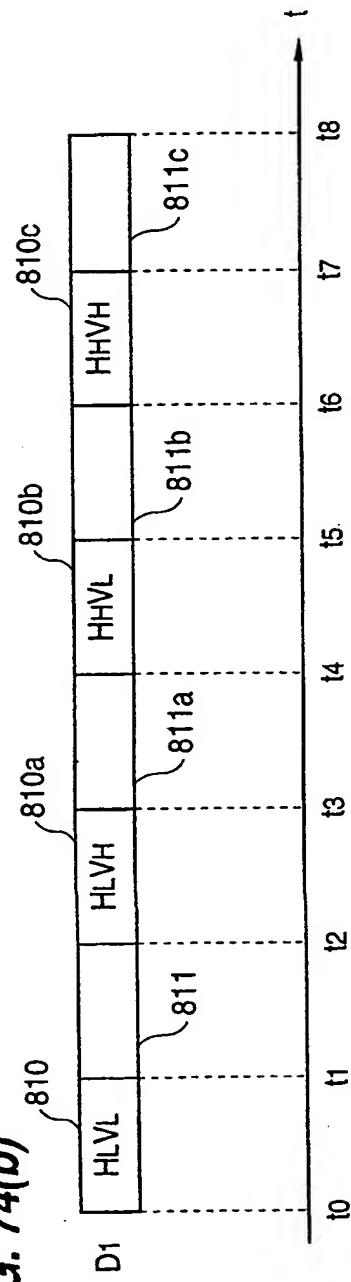


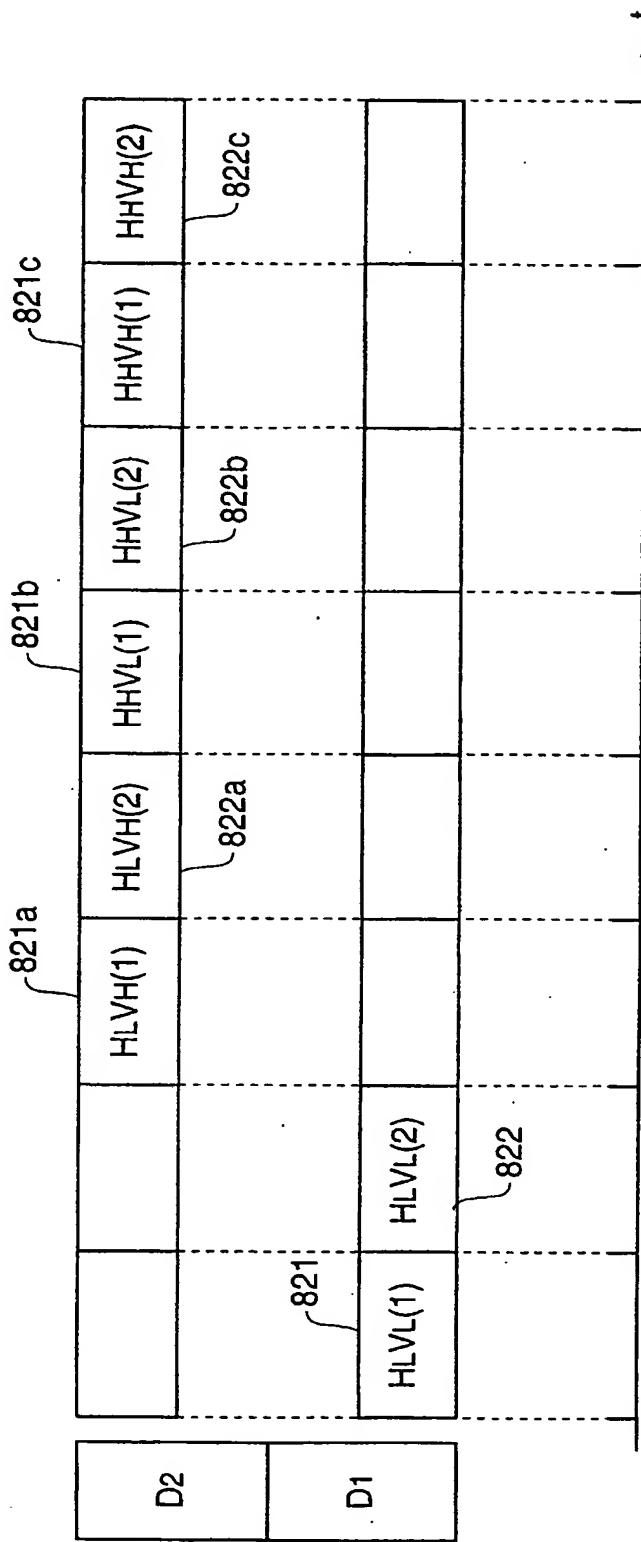
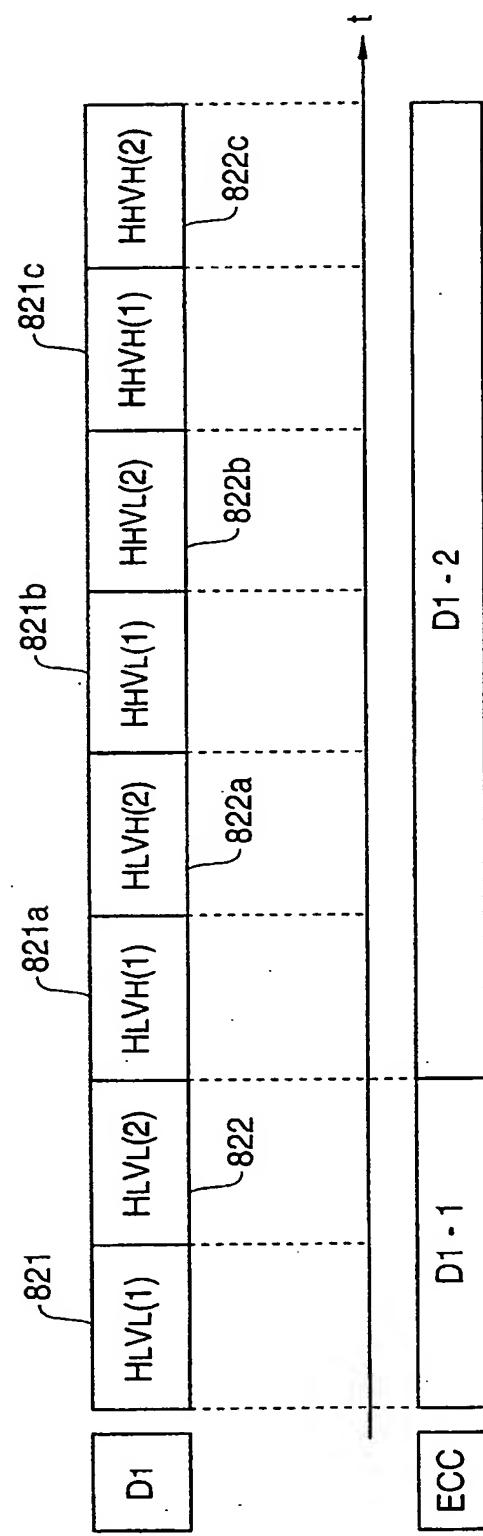
FIG. 75

FIG. 76

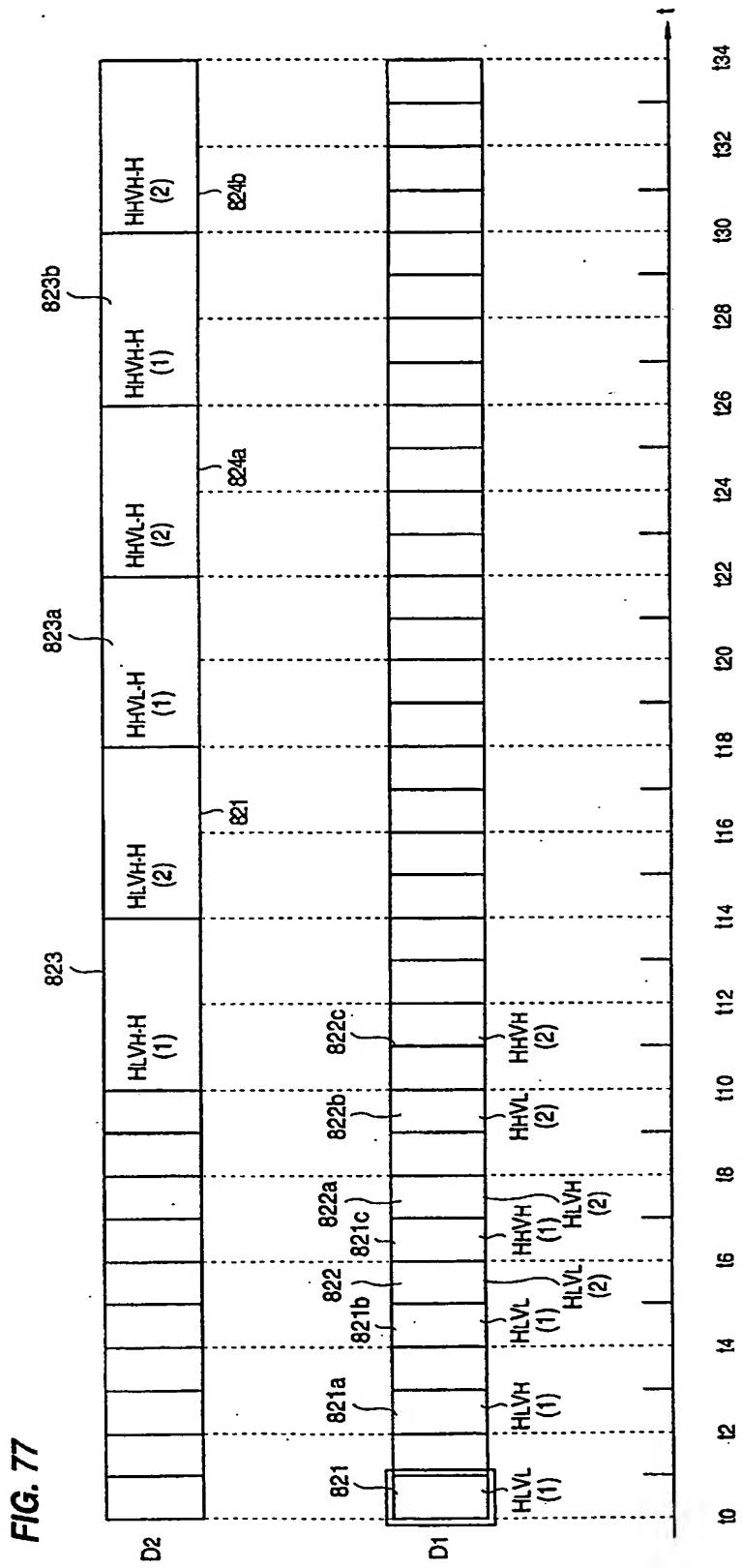


FIG. 78

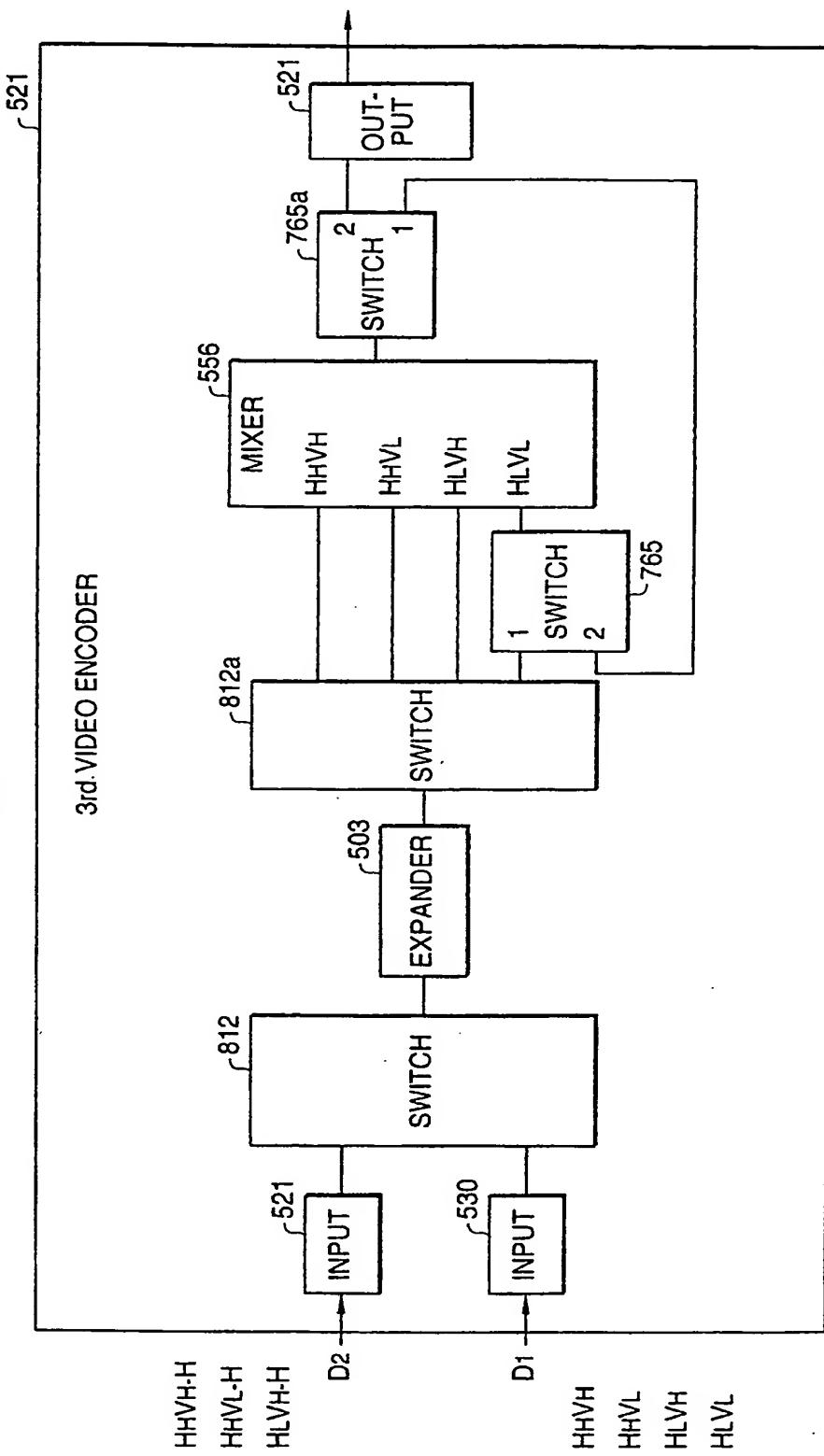


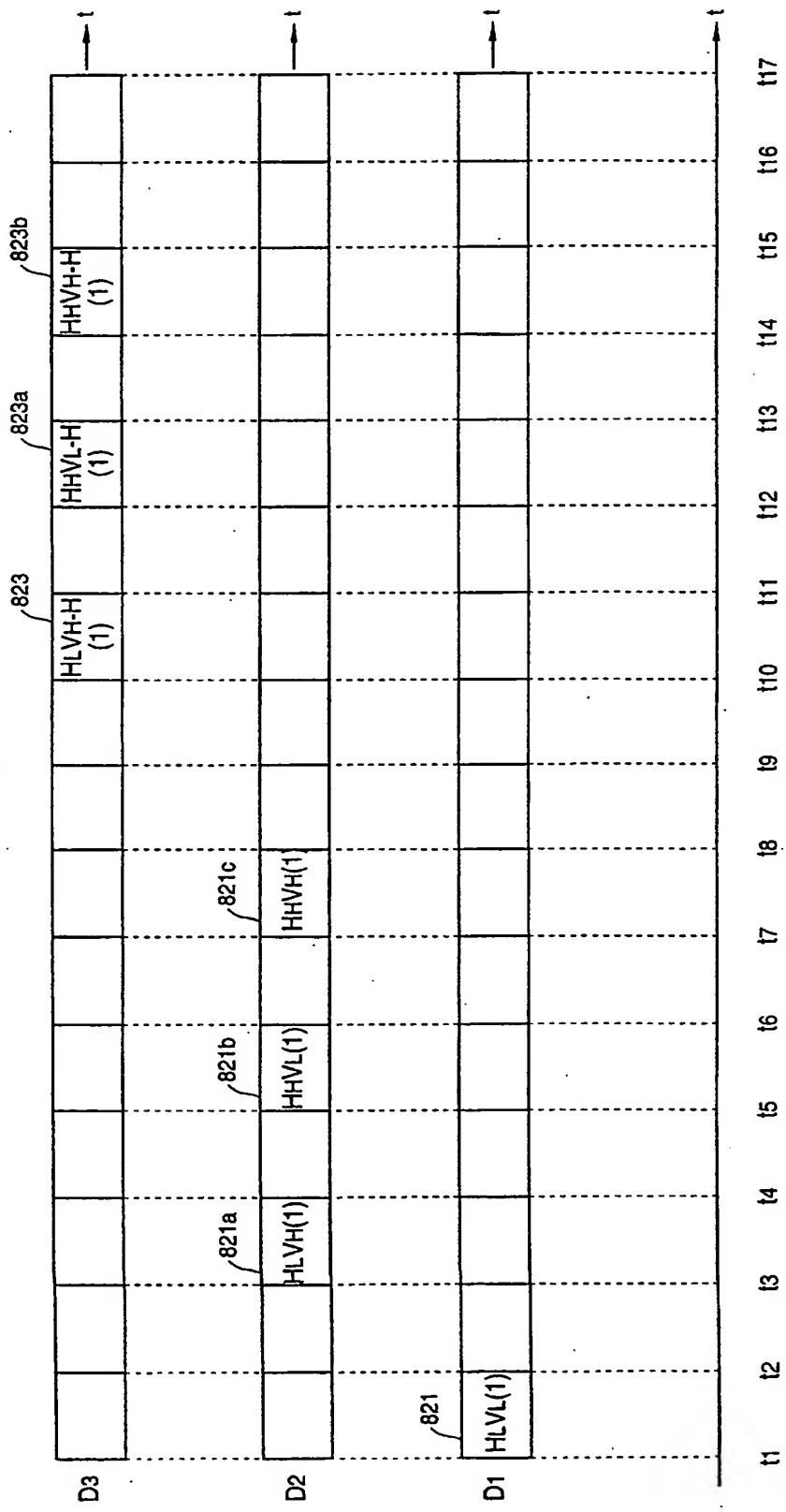
FIG. 79

FIG. 80

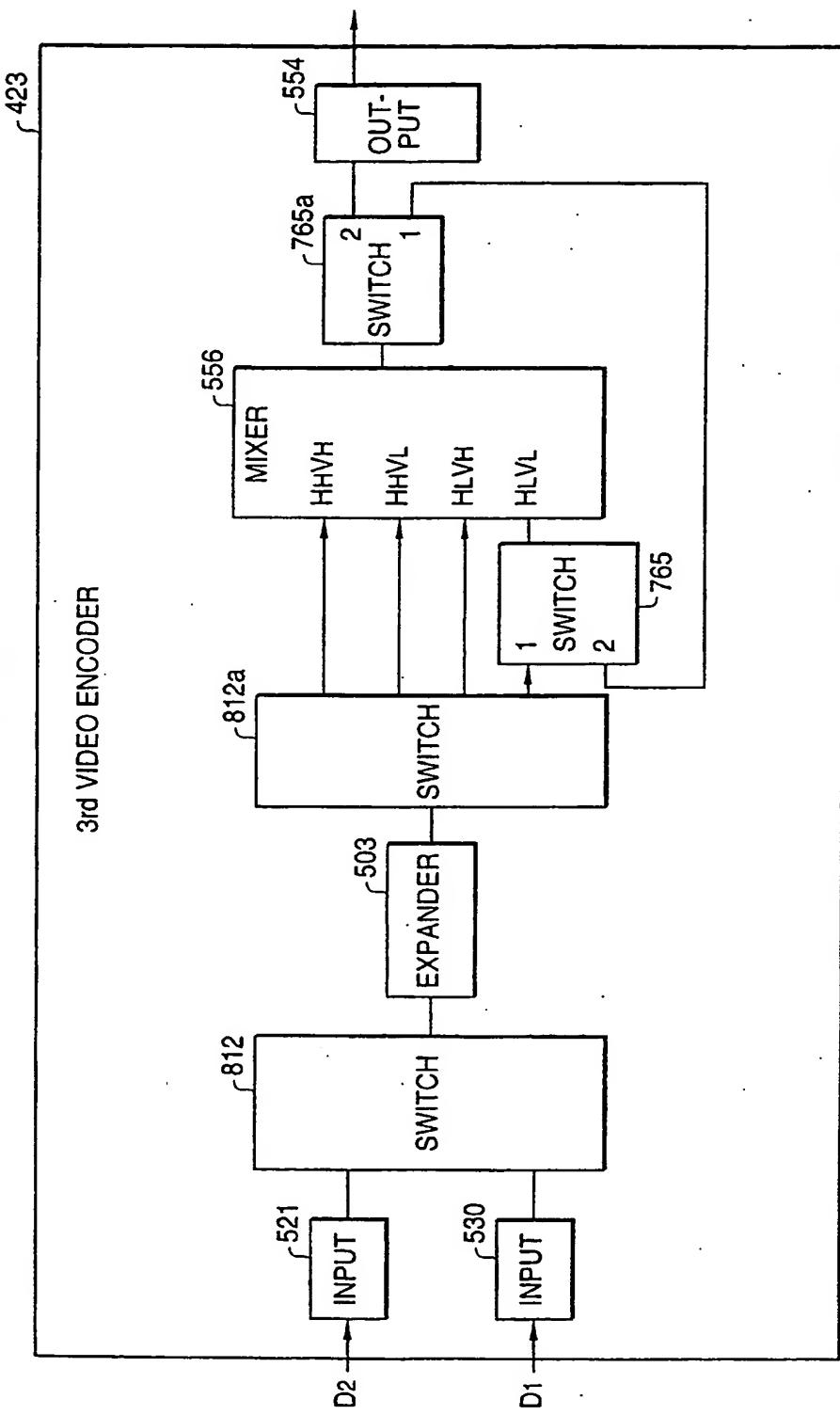


FIG. 81

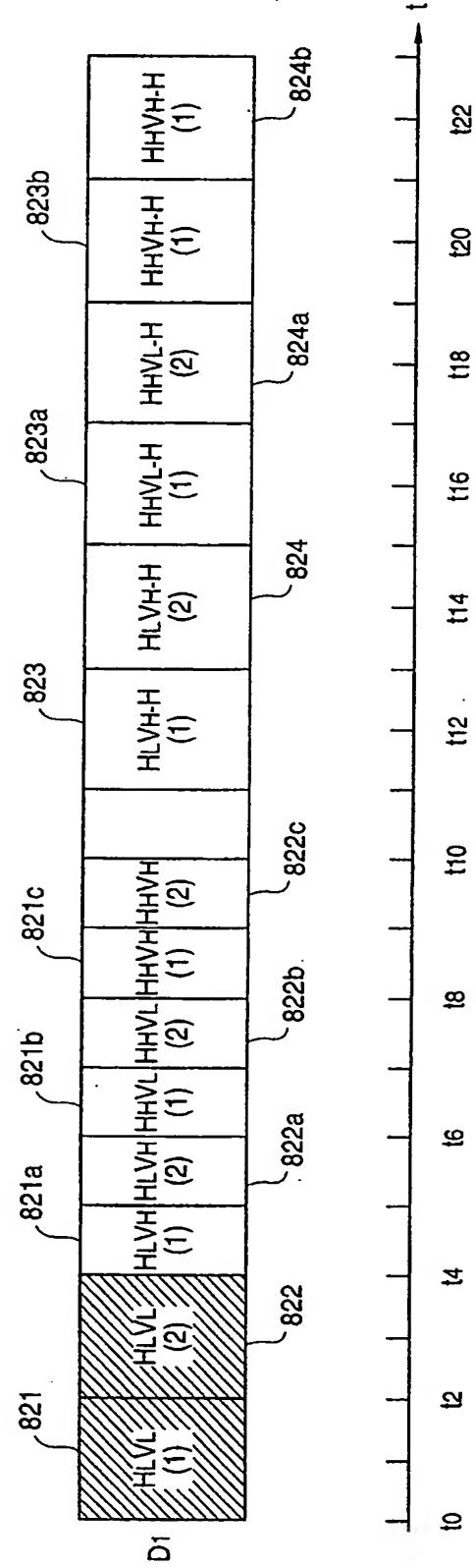


FIG. 82

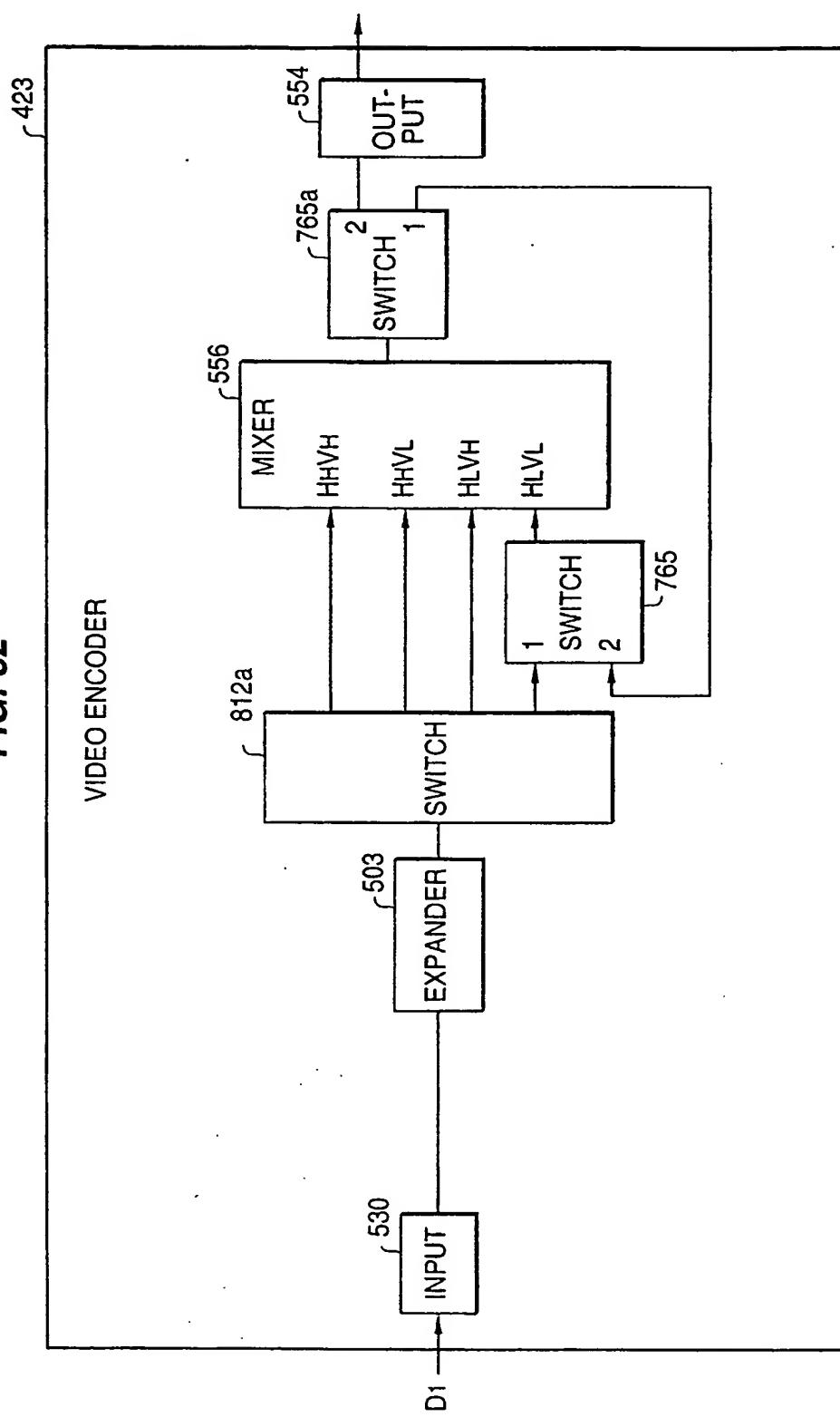


FIG. 83

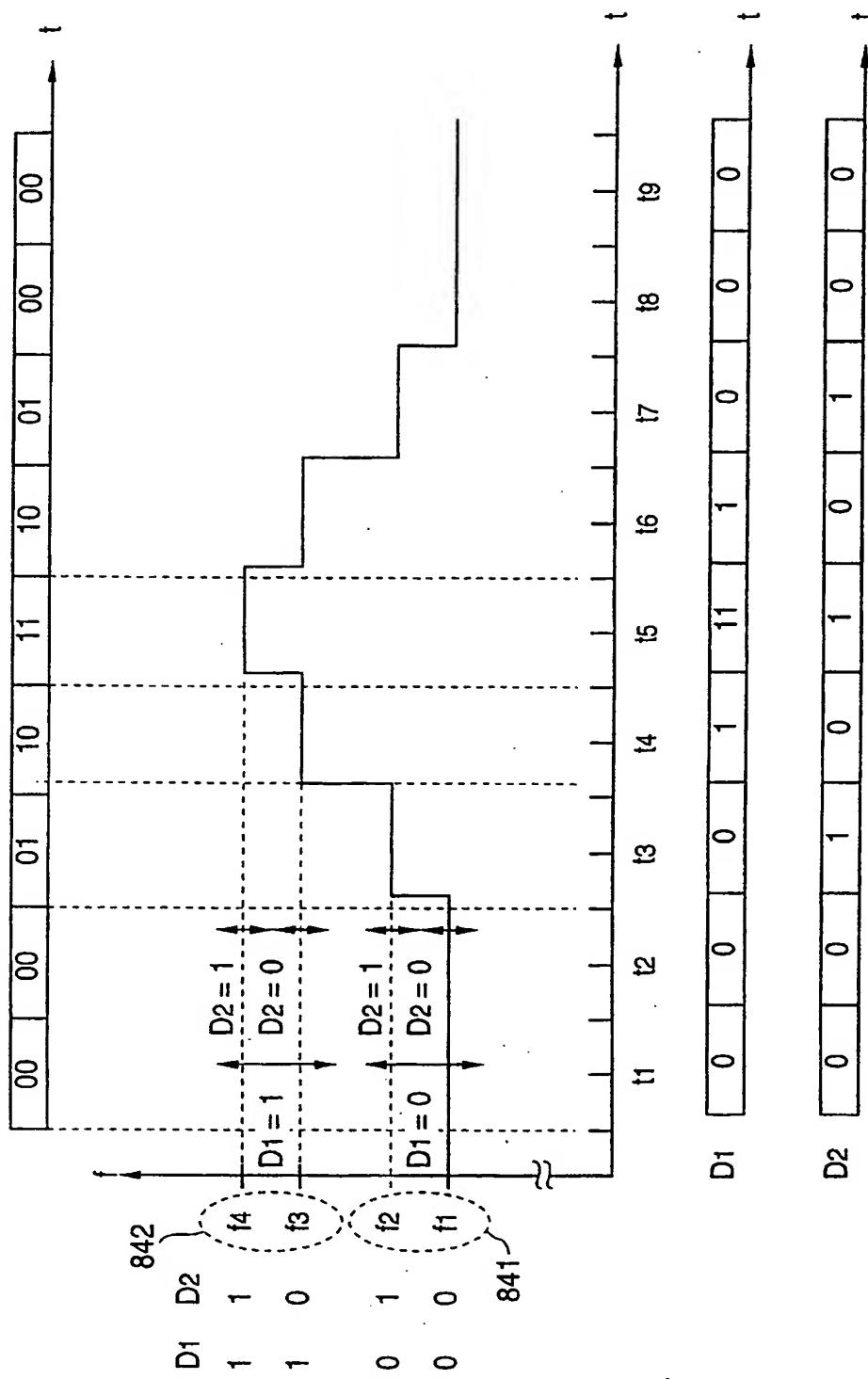


FIG. 84

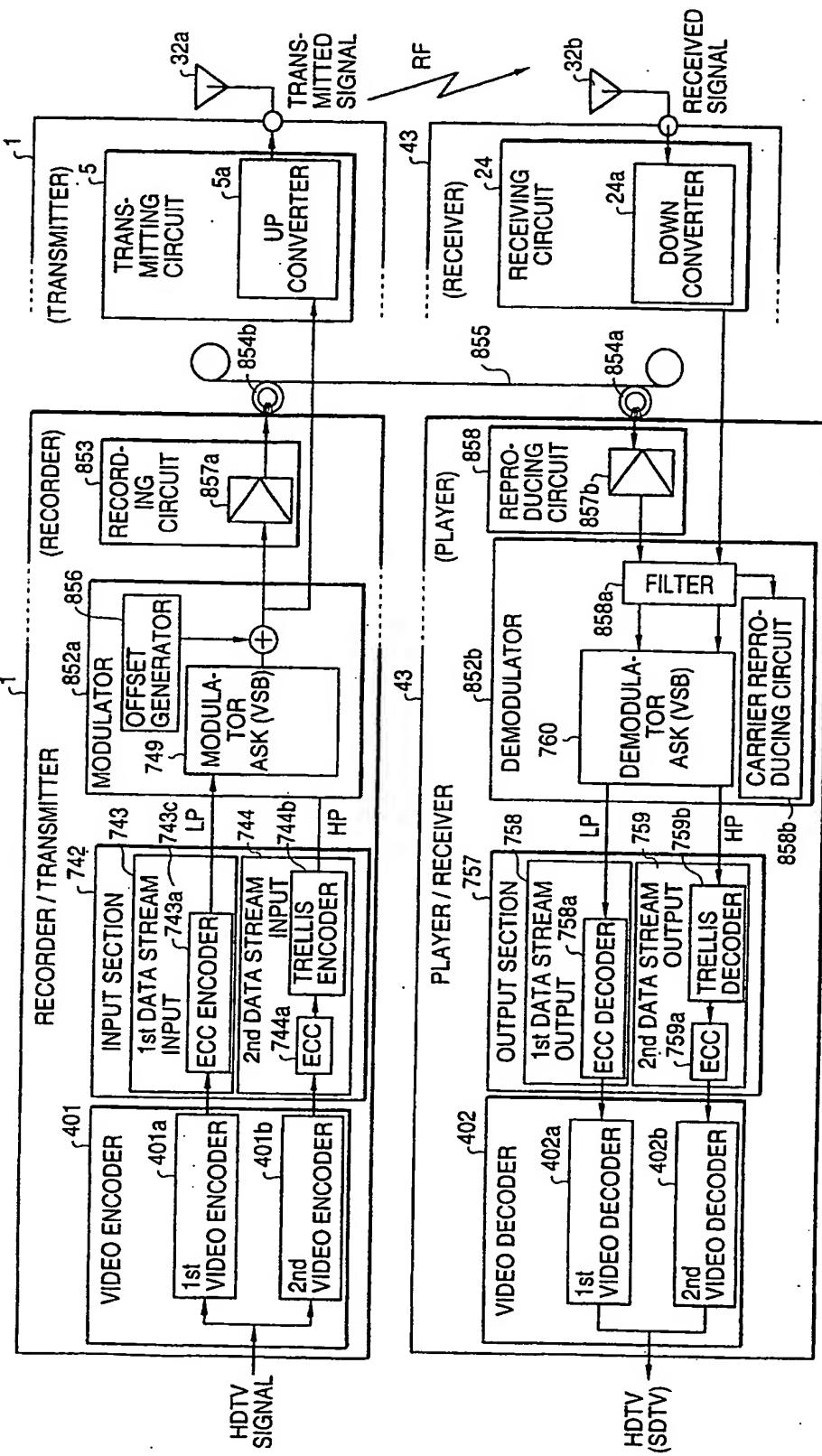


FIG. 85

SIGNAL STATES

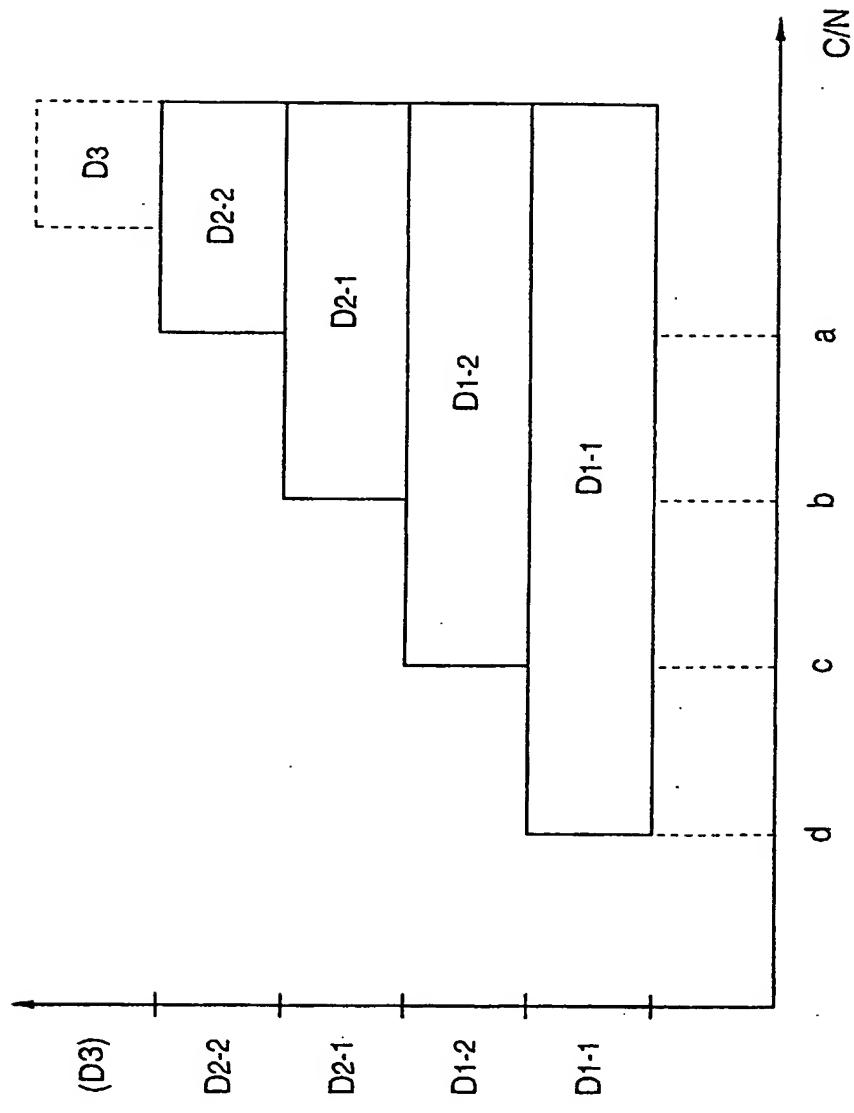


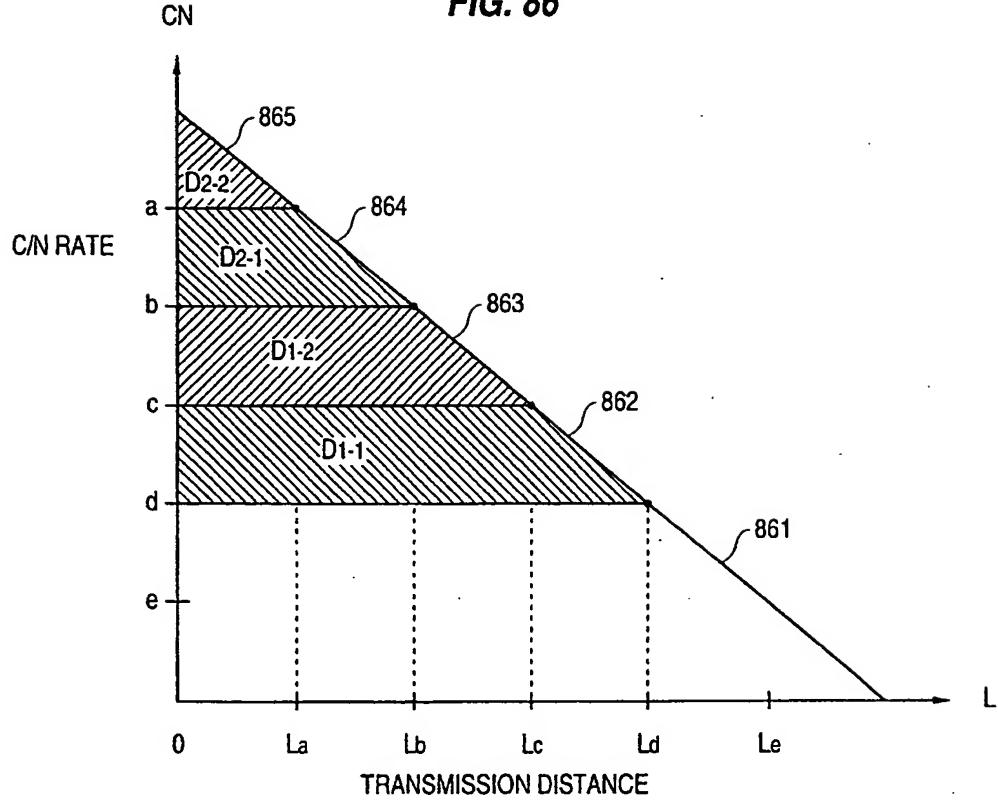
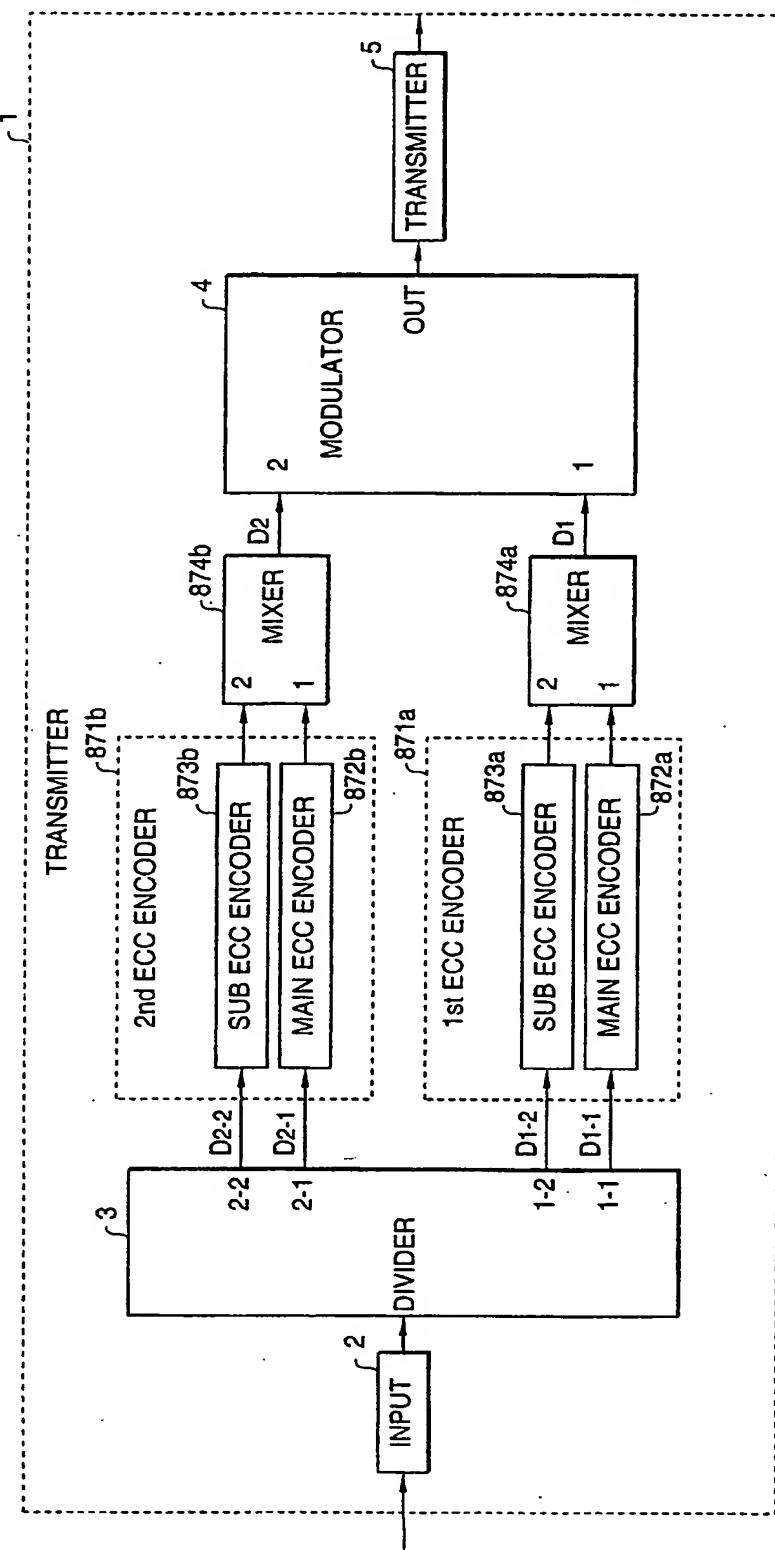
FIG. 86

FIG. 87



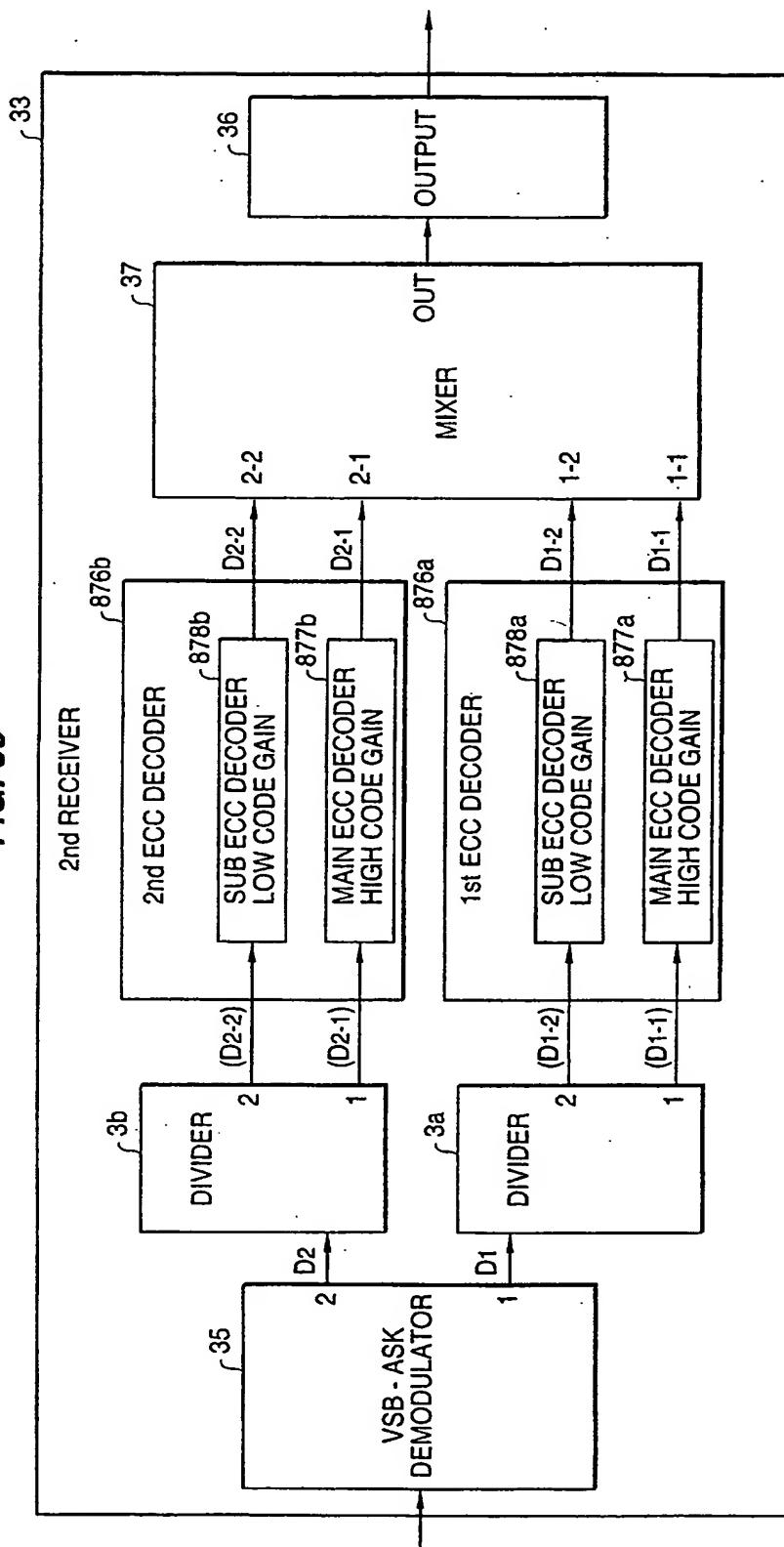
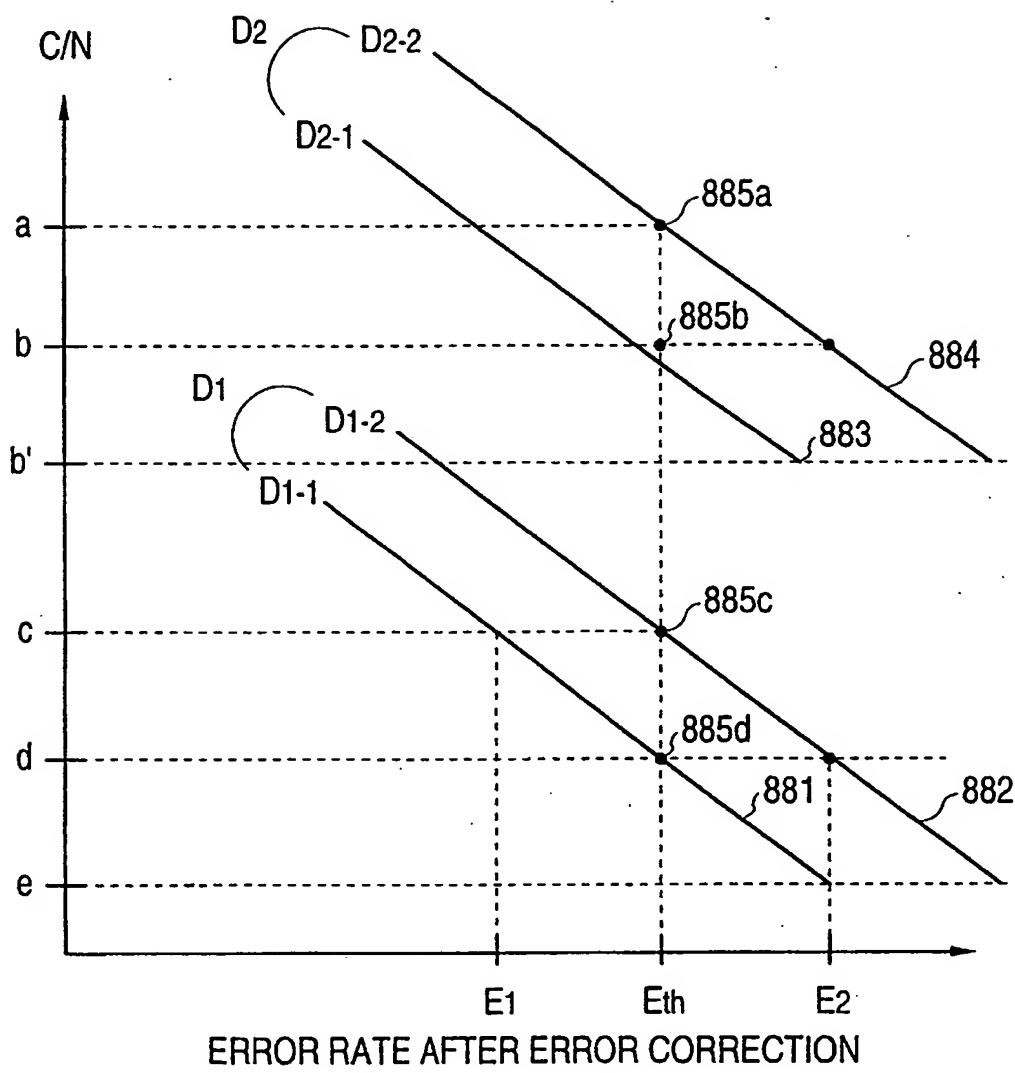
F/G. 88

FIG. 89

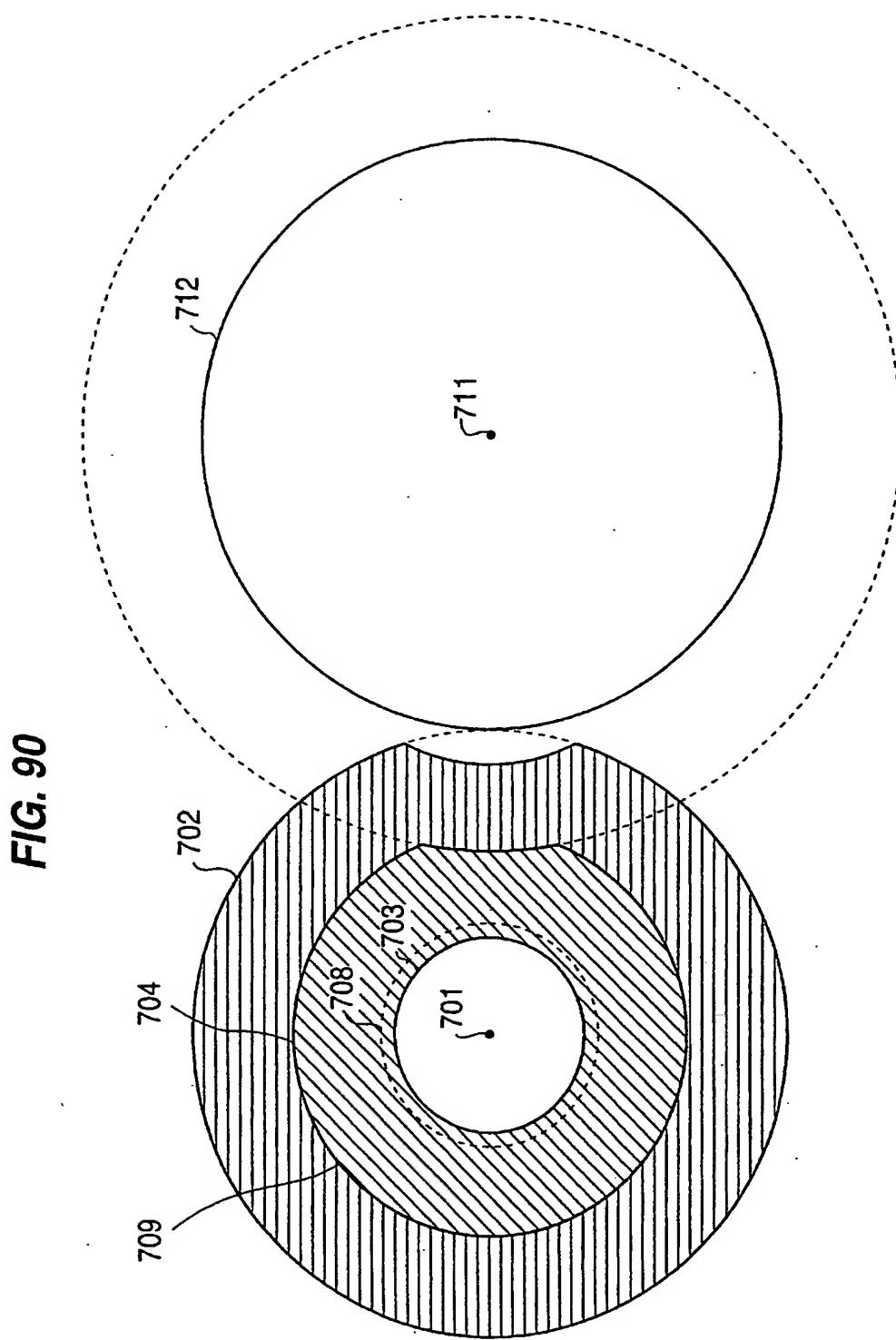


FIG. 91

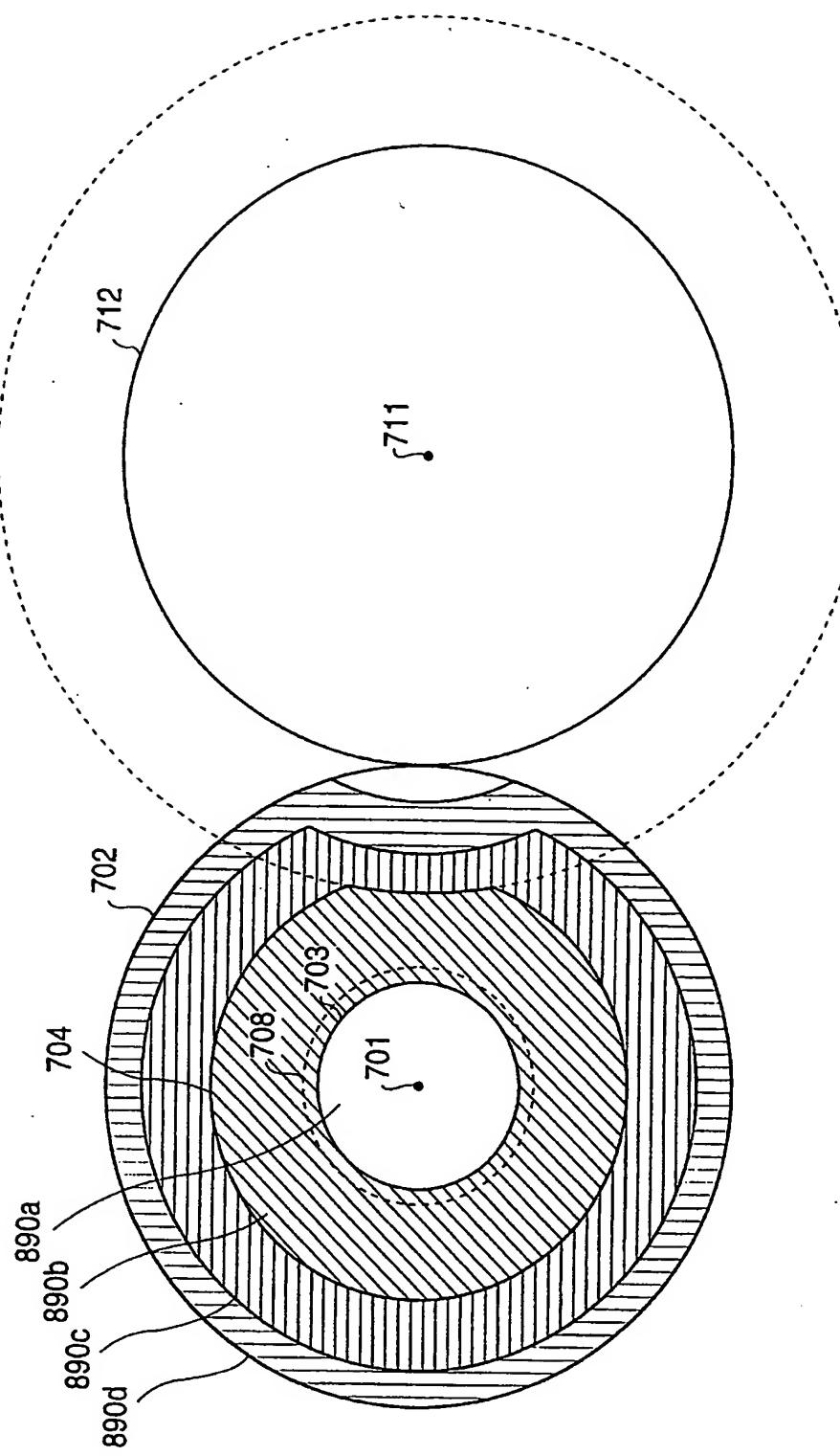


FIG. 92

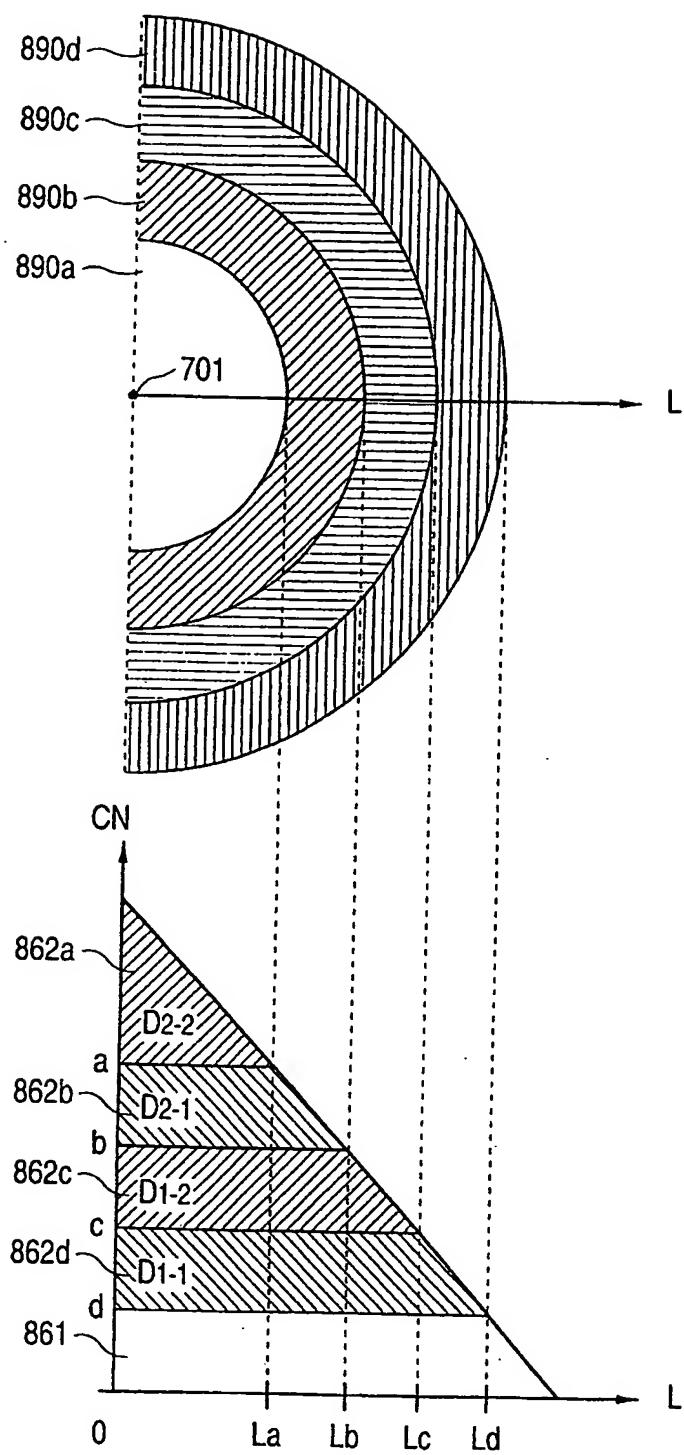


FIG. 93

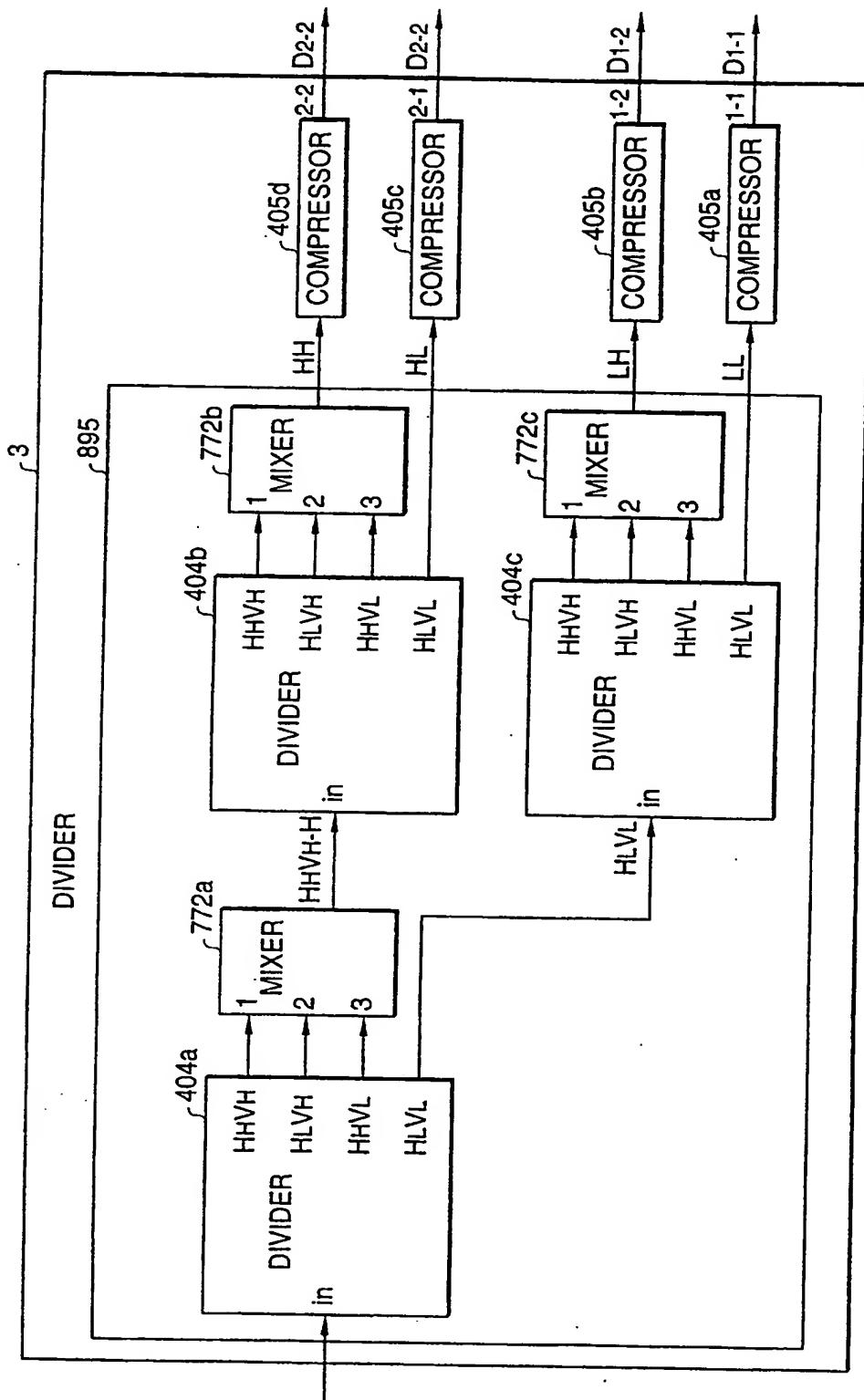


FIG. 94

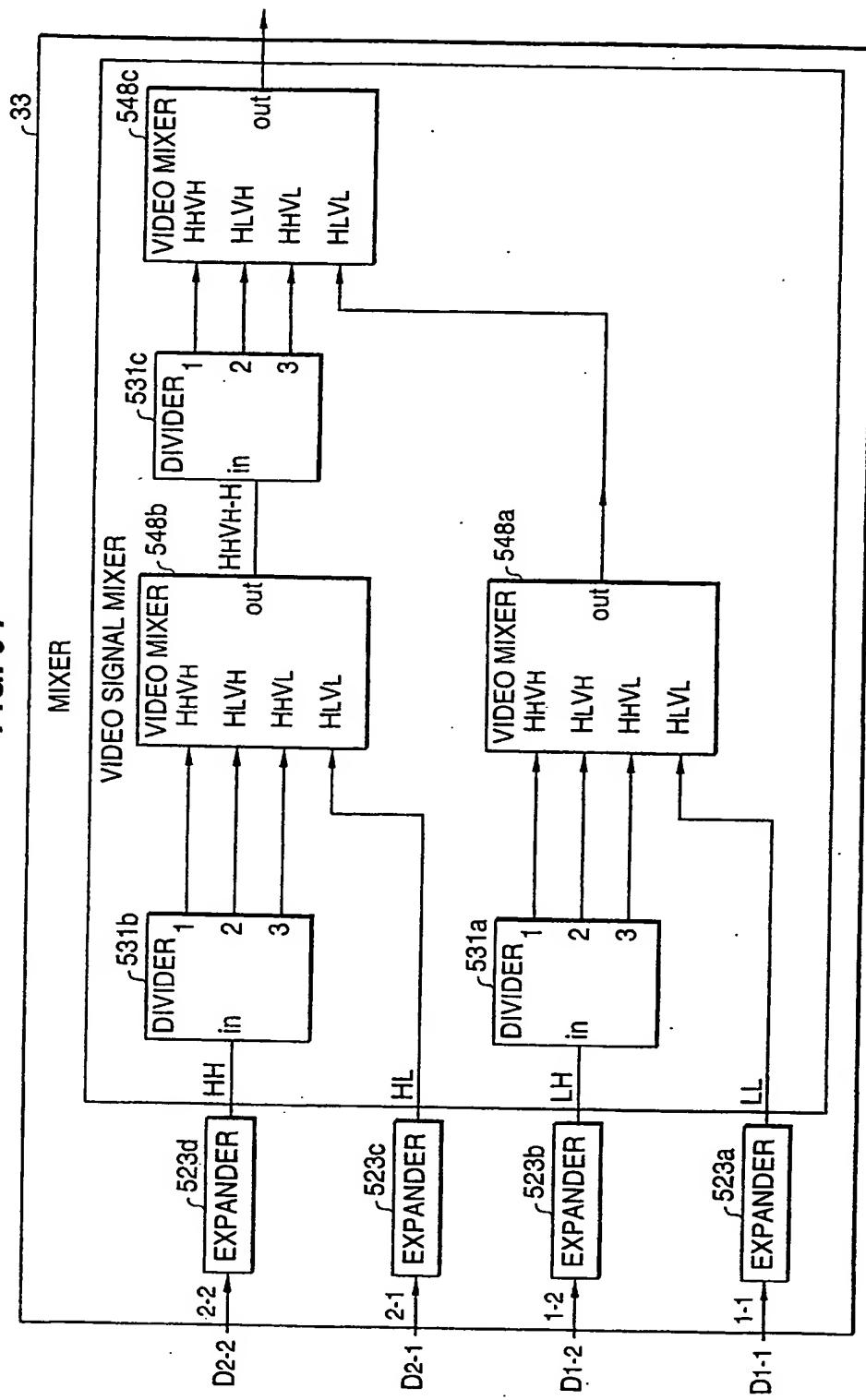


FIG. 95

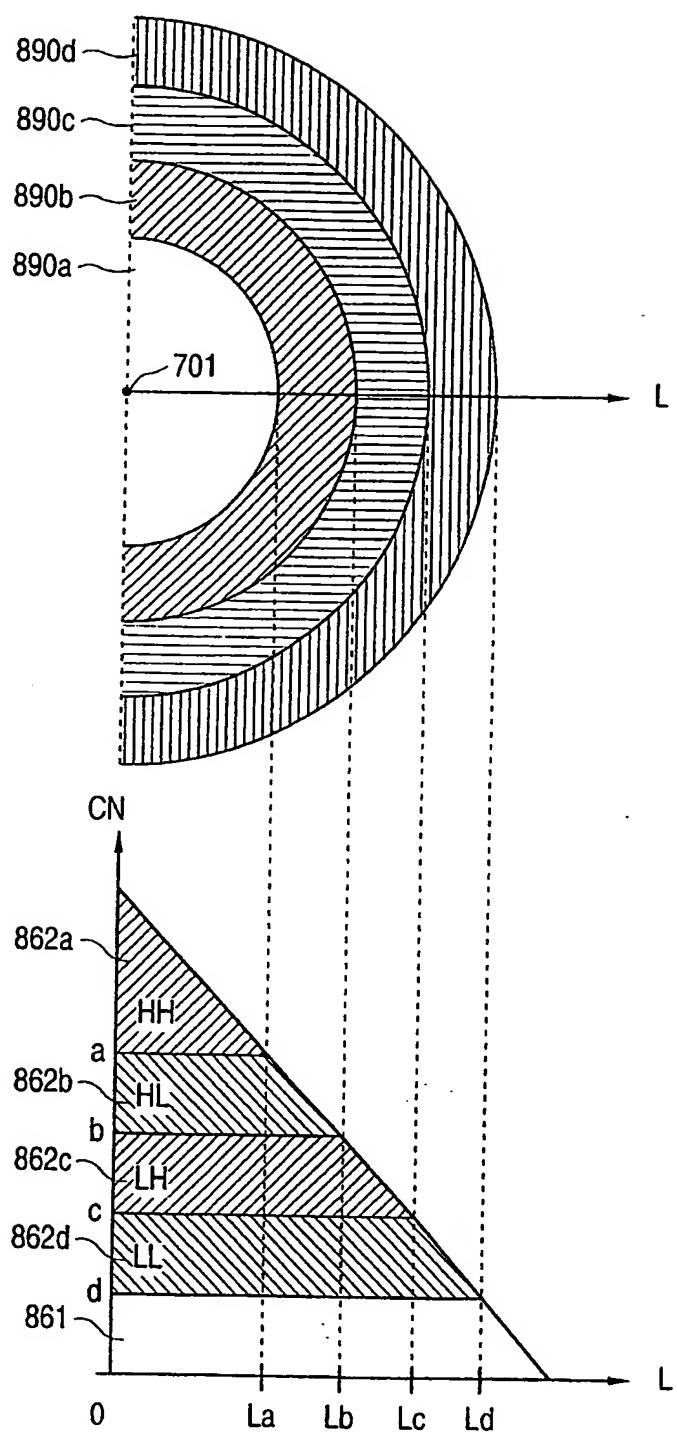


FIG. 96

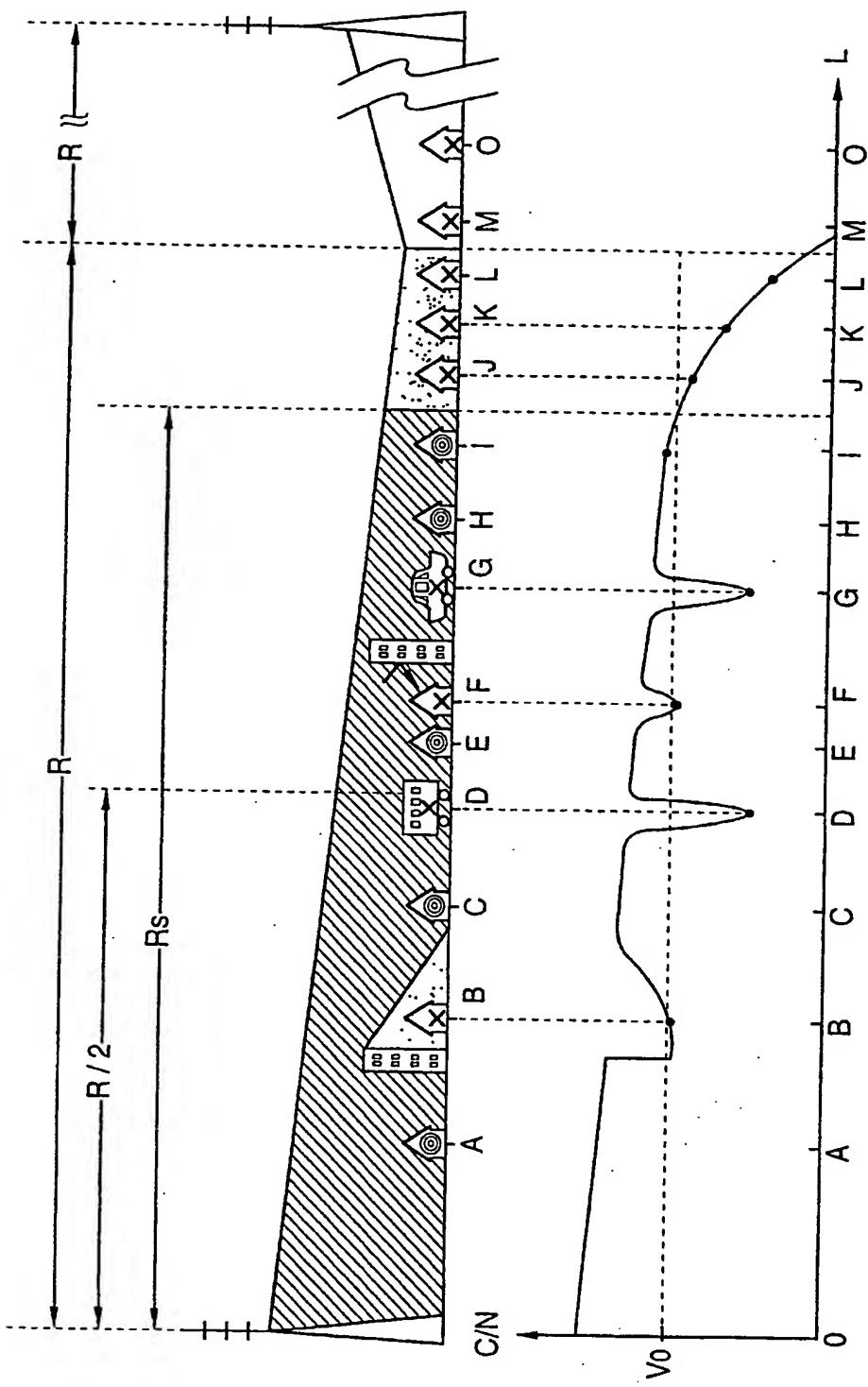


FIG. 97

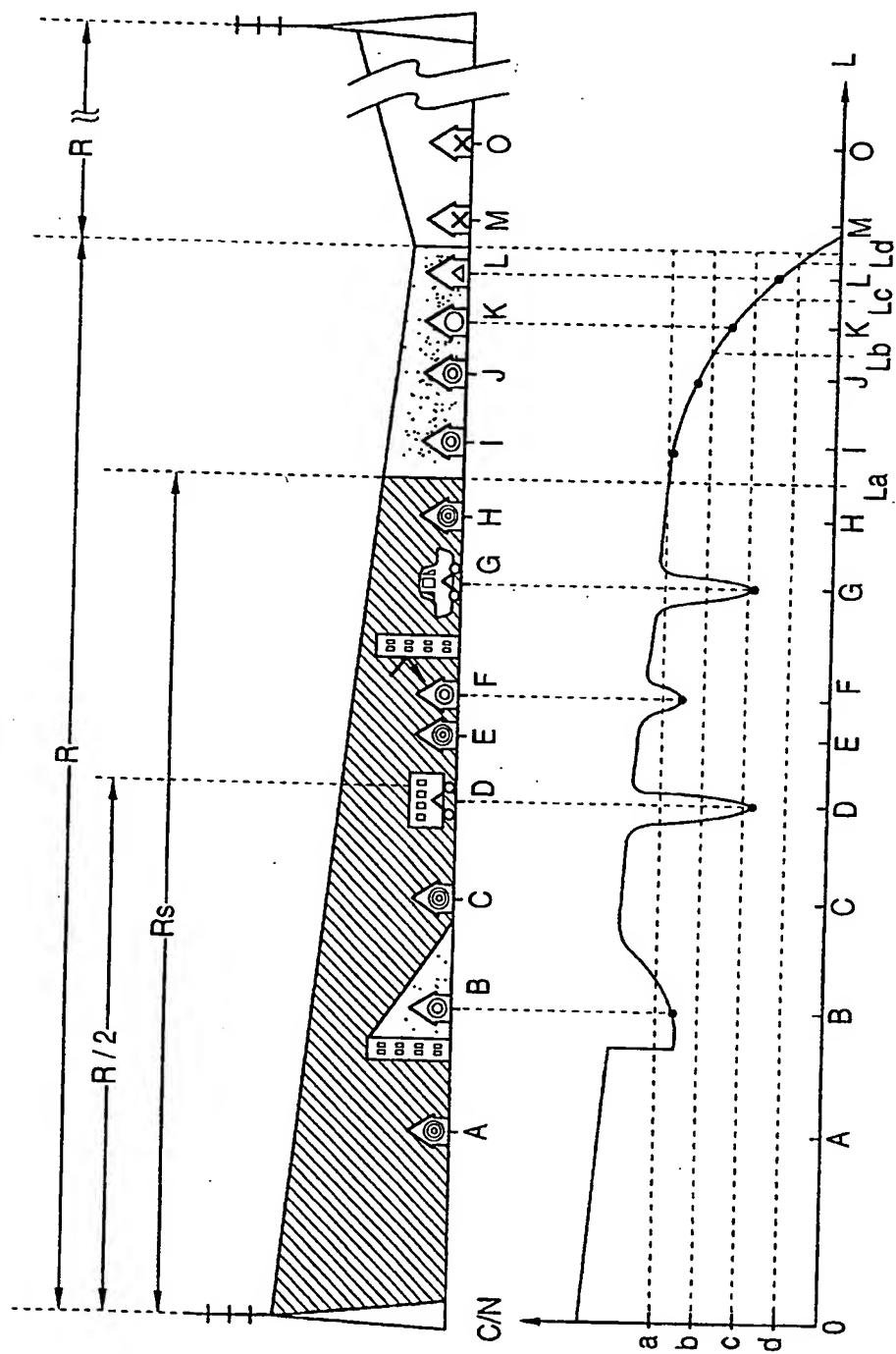


FIG. 98

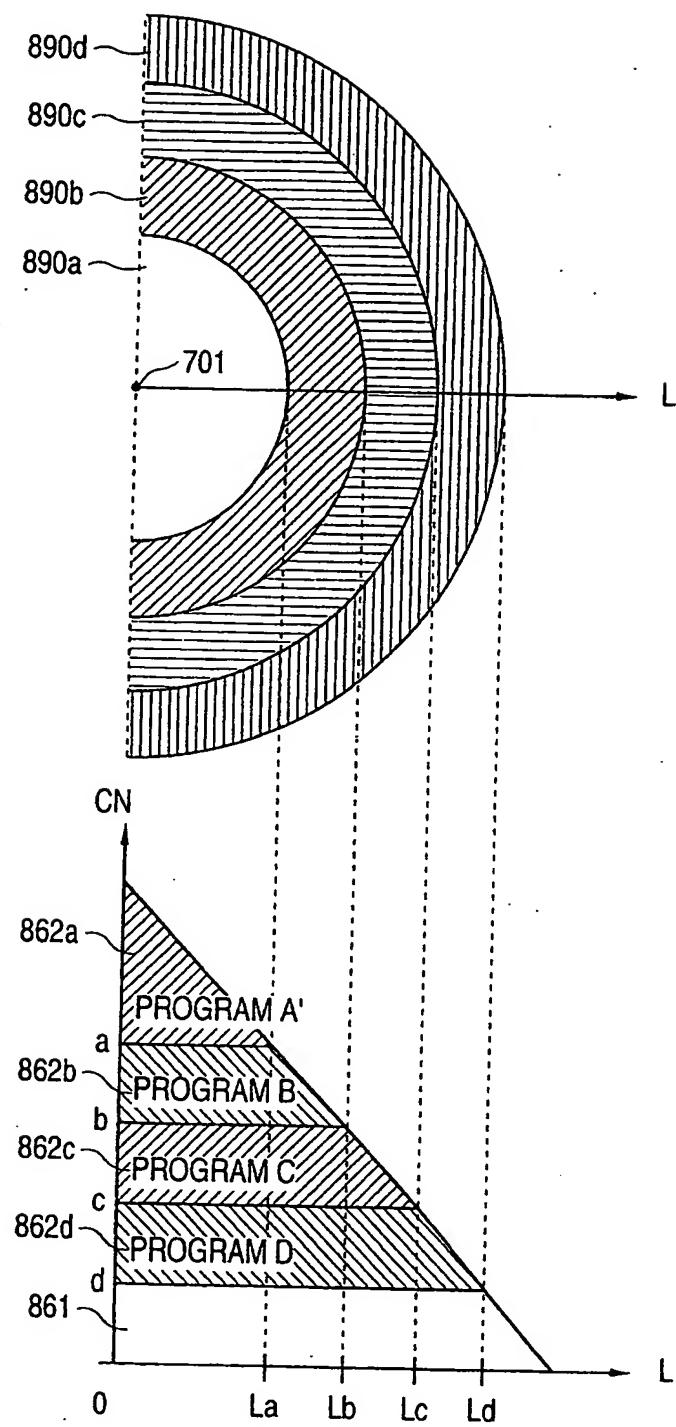


FIG. 99

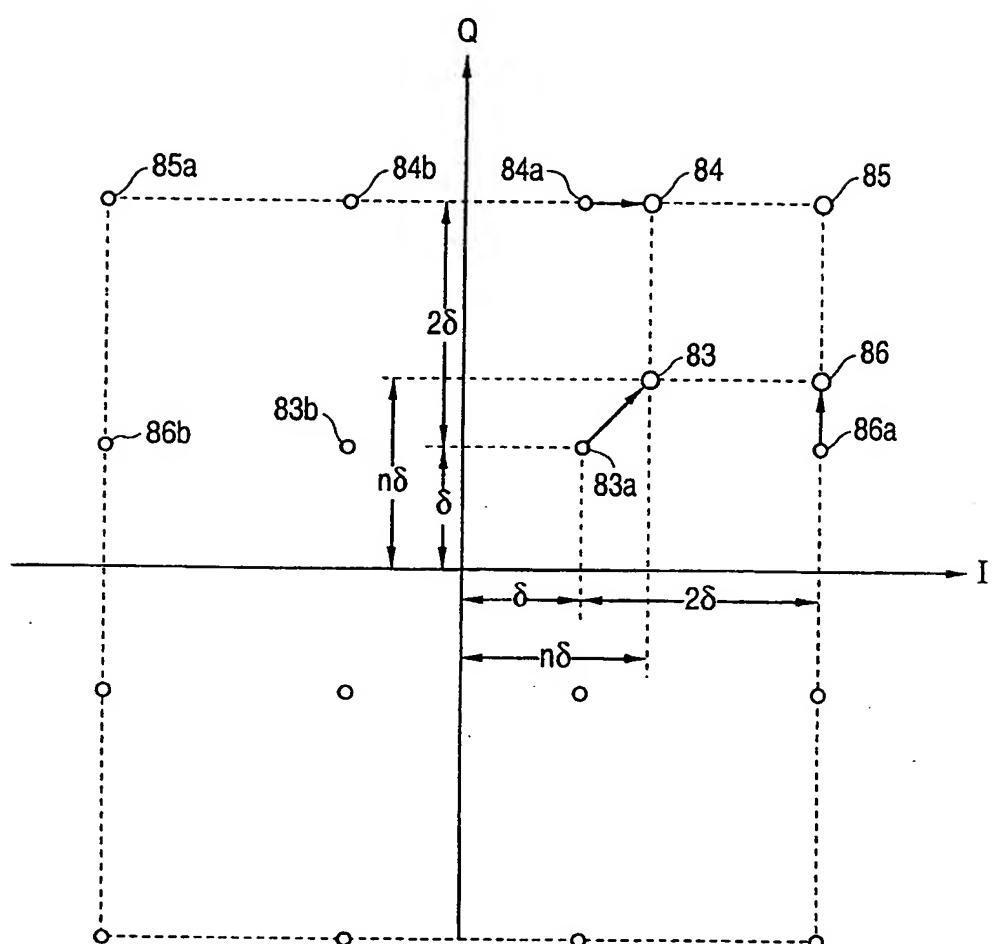


FIG. 100

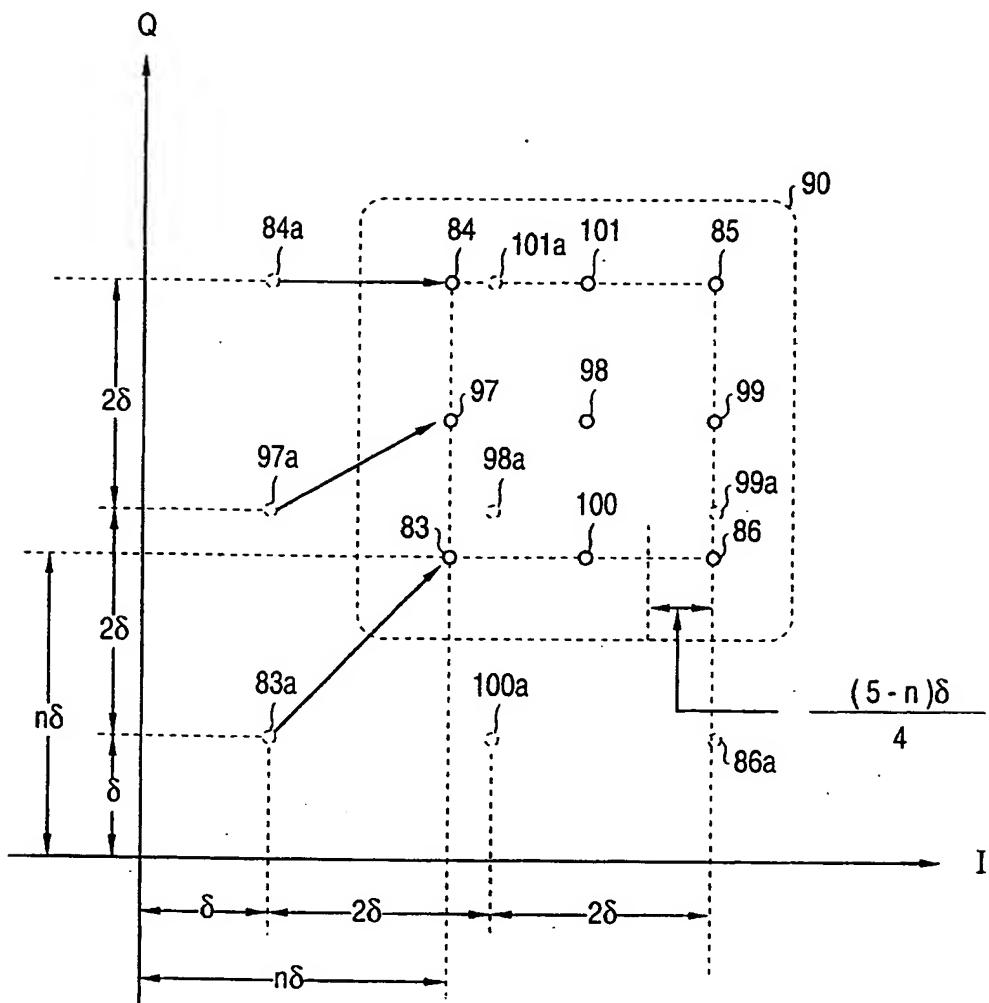


FIG. 101

Pe

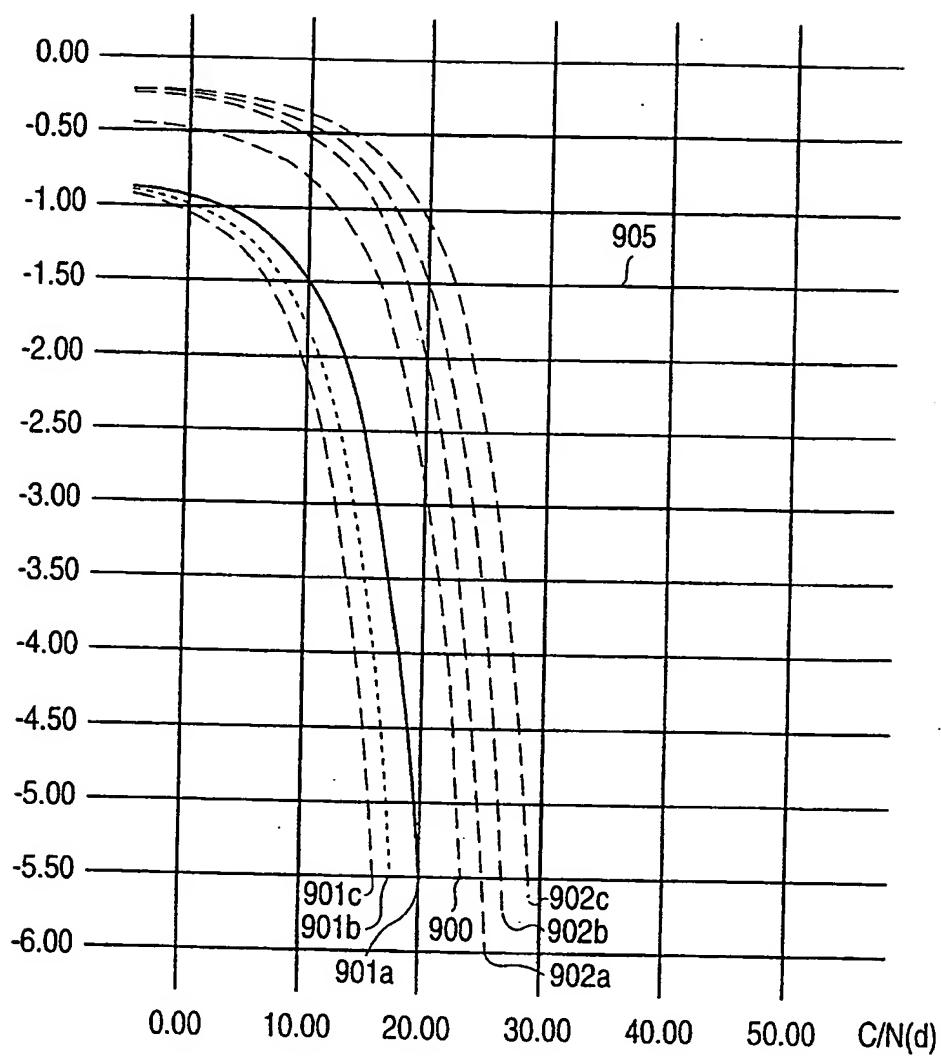


FIG. 102

Pe

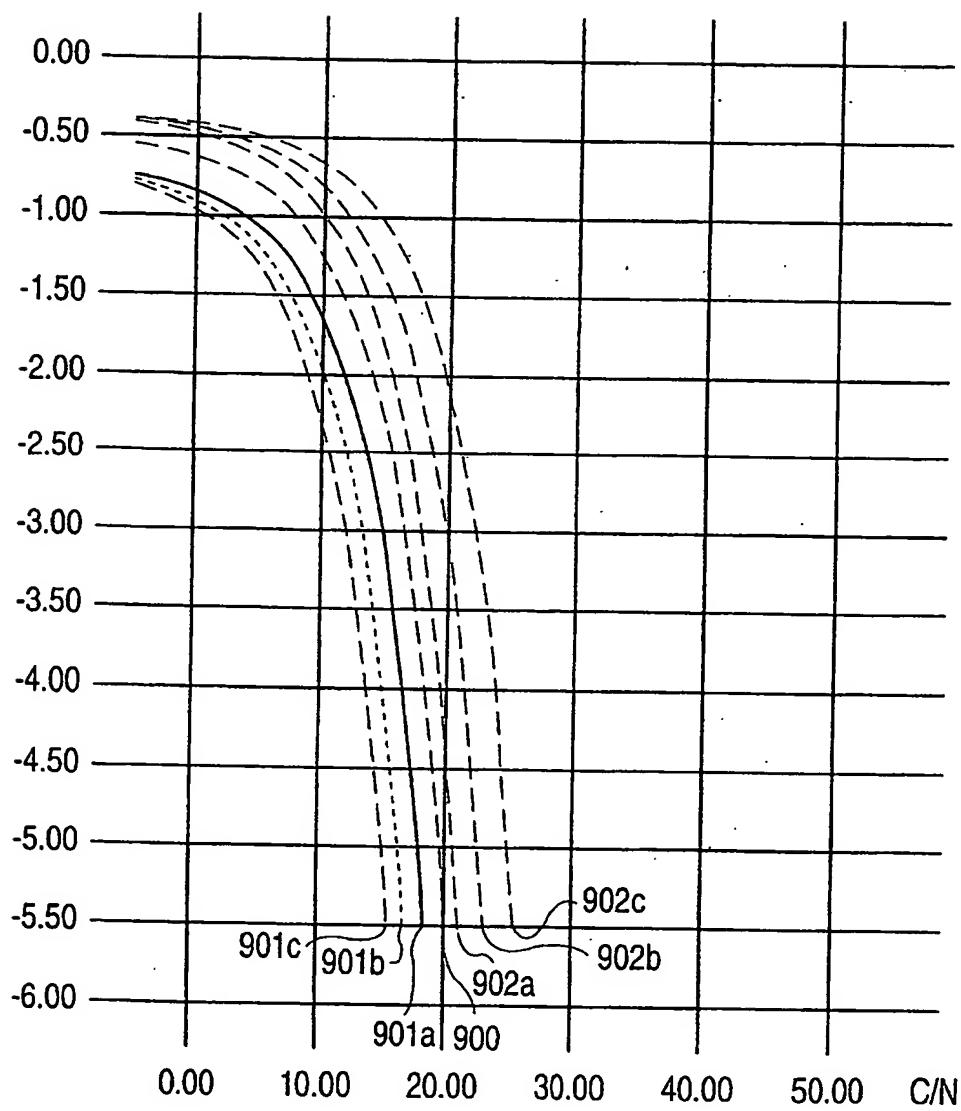


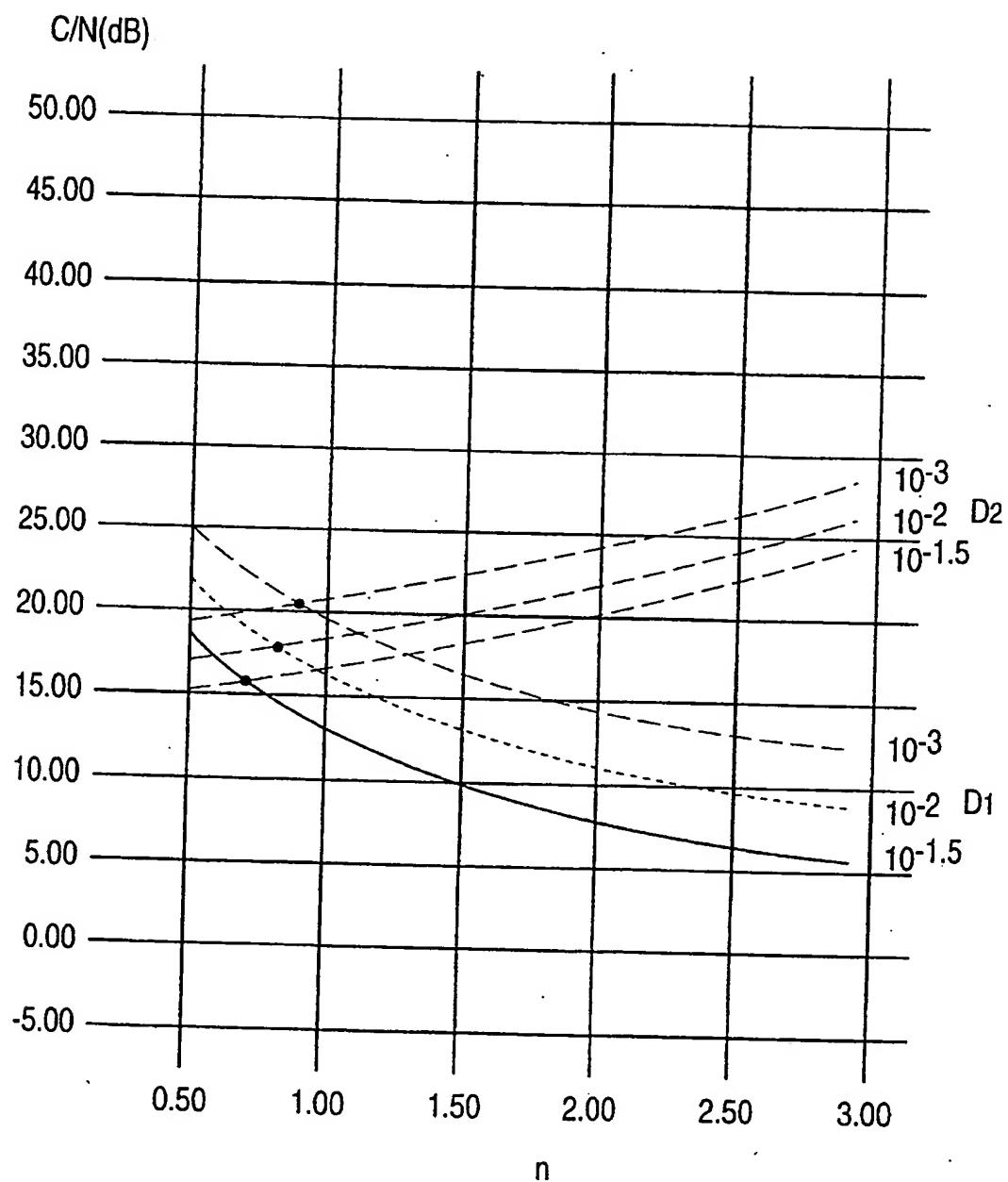
FIG. 103

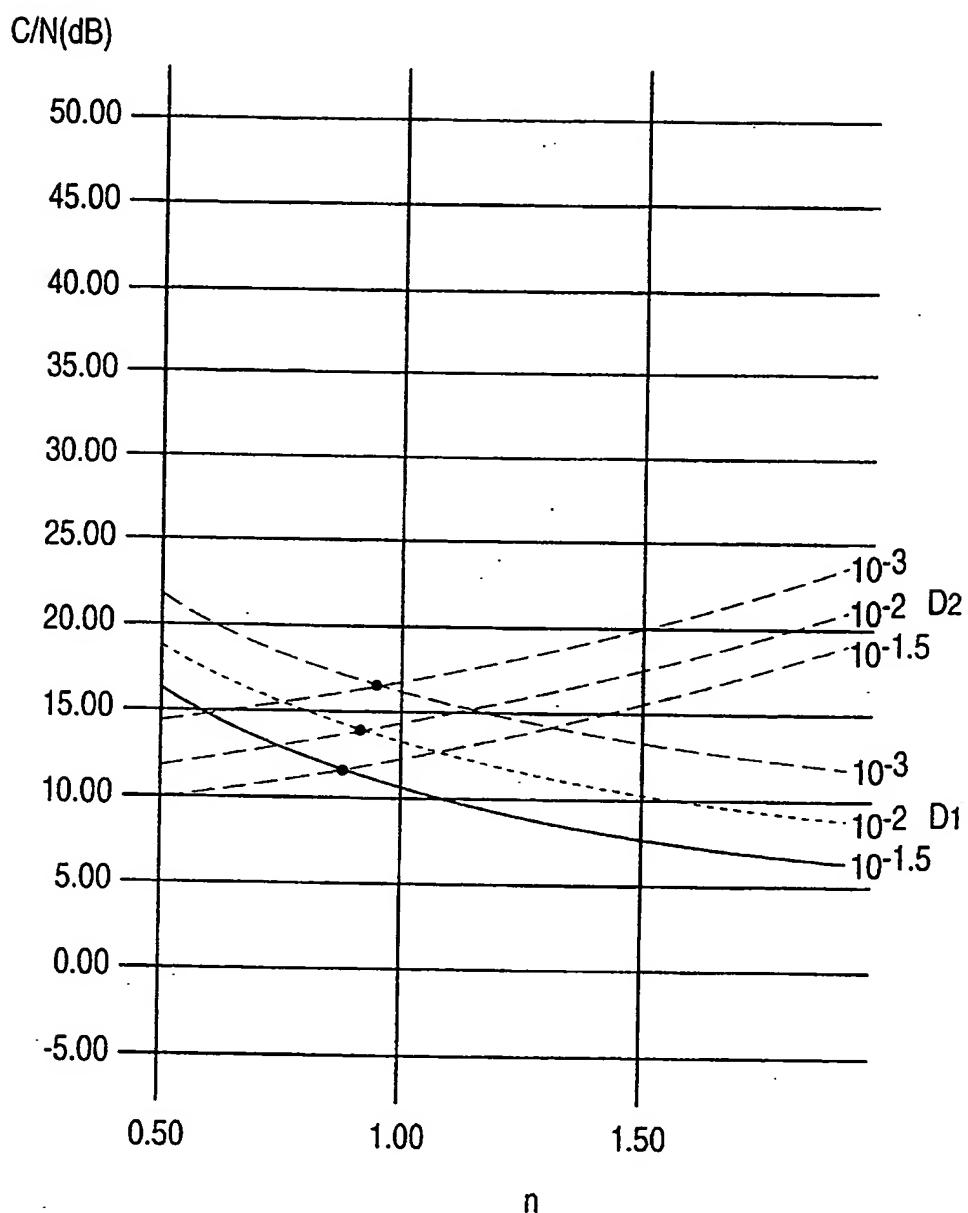
FIG. 104

FIG. 105

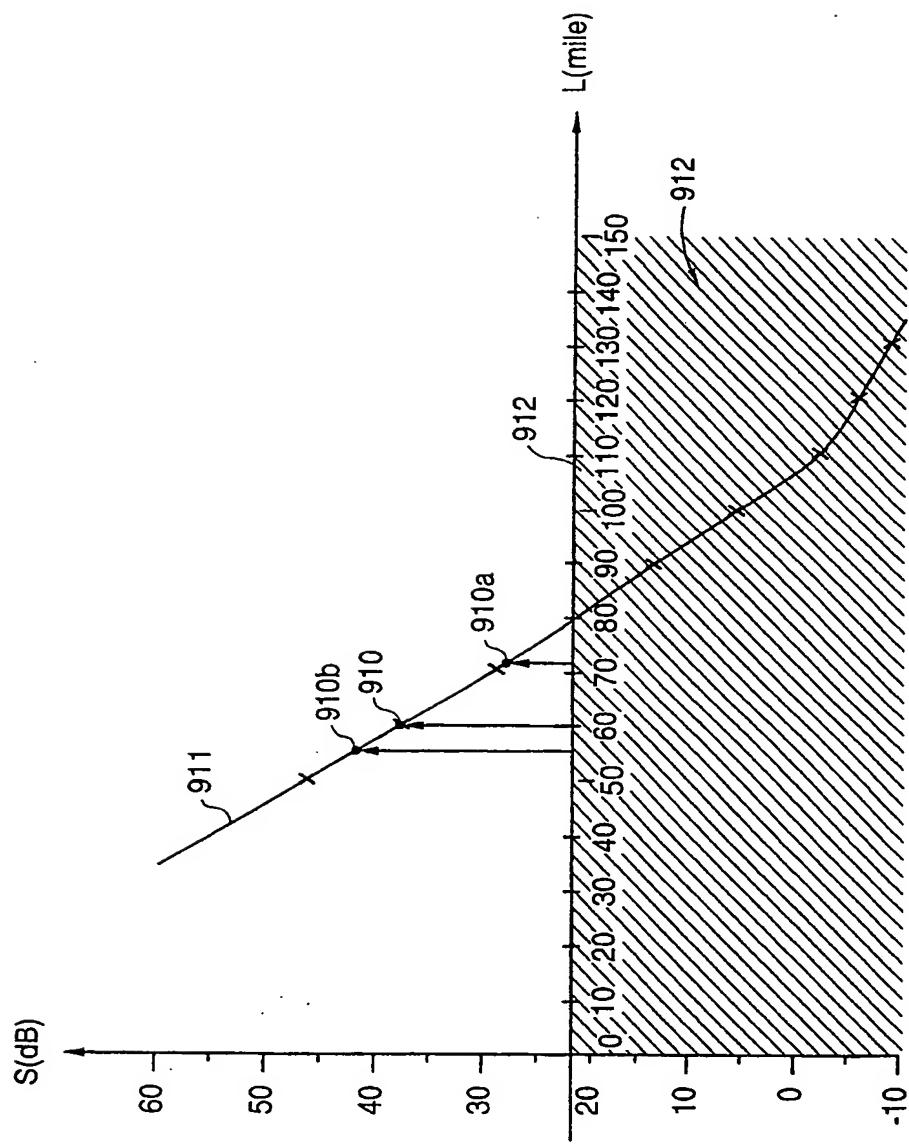


FIG. 106

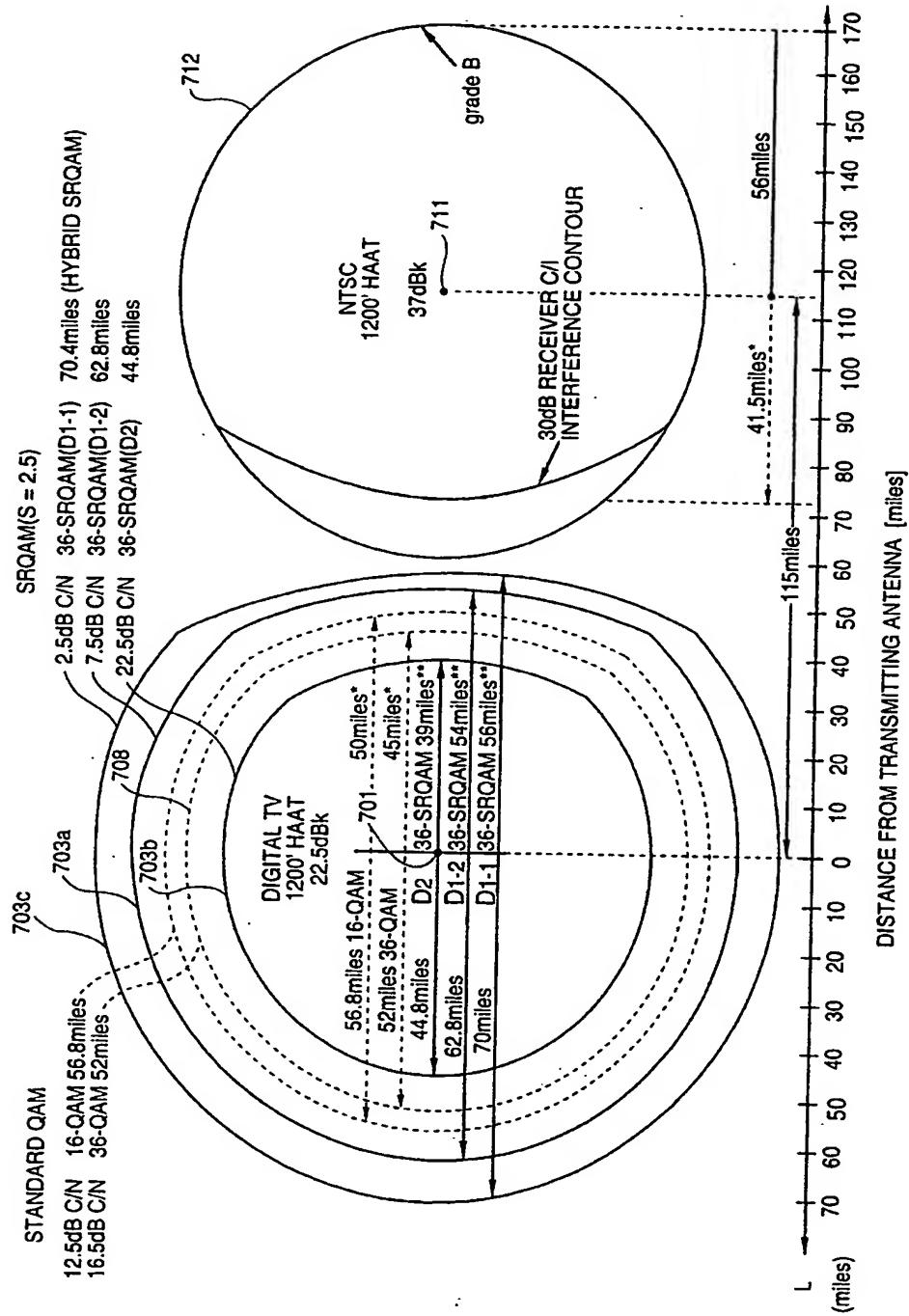


FIG. 107

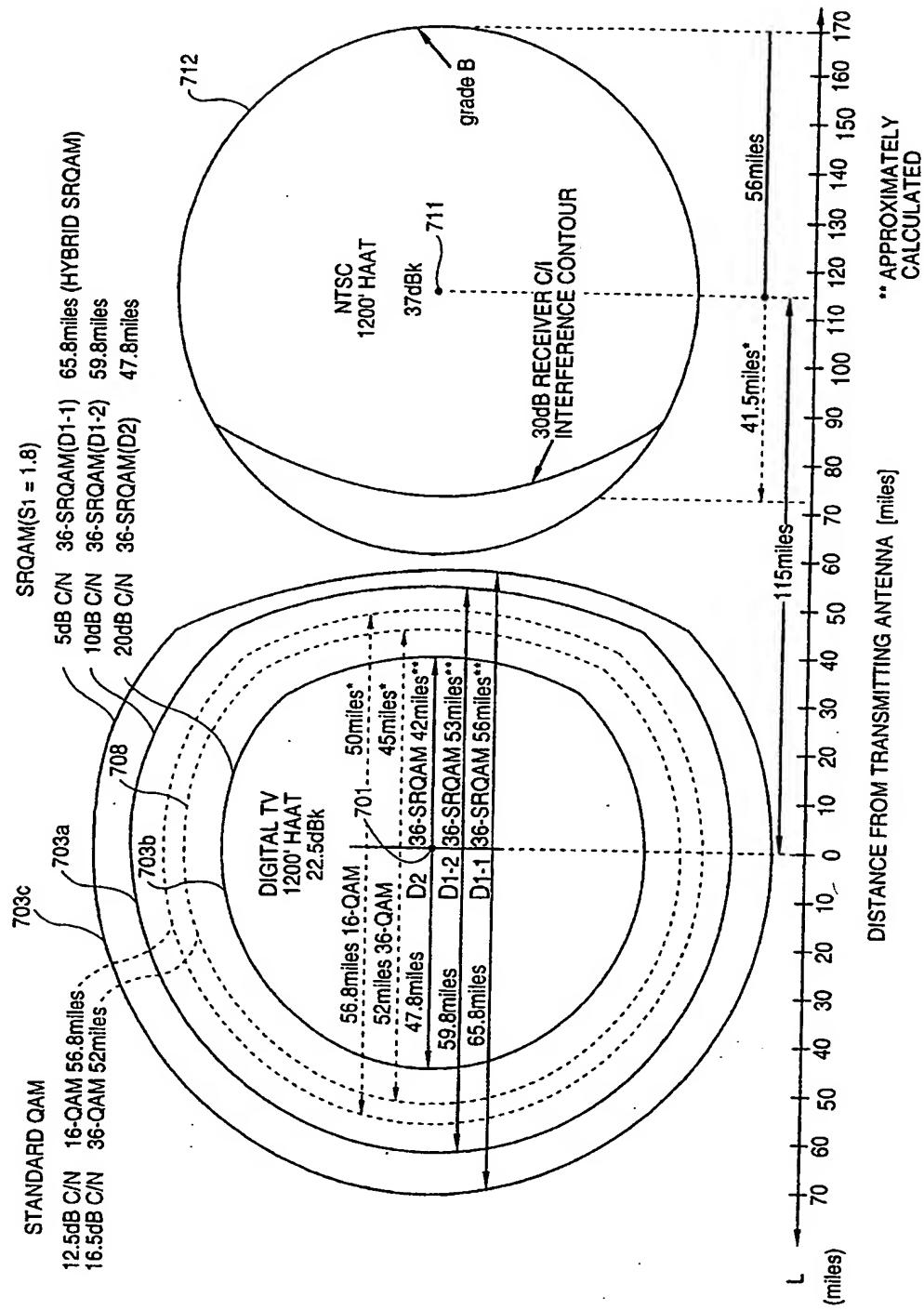


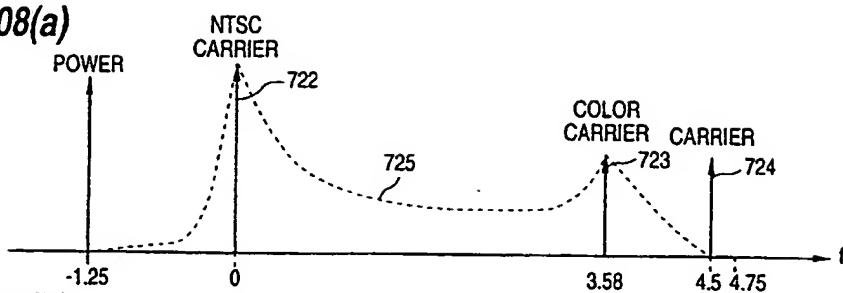
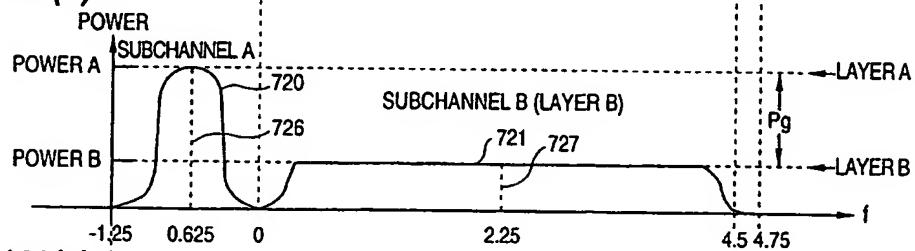
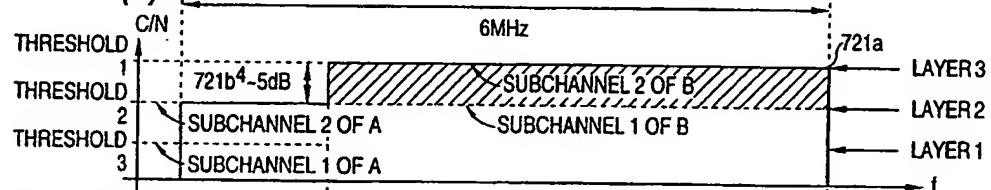
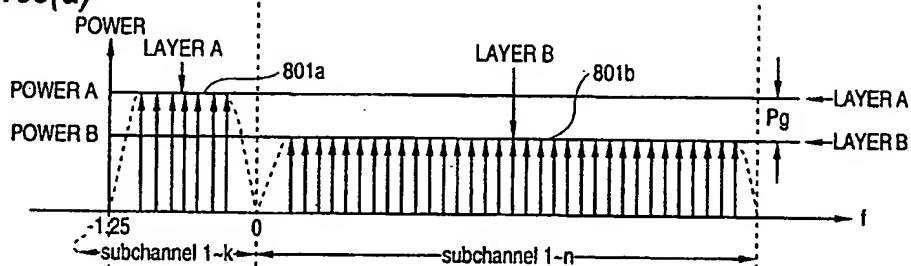
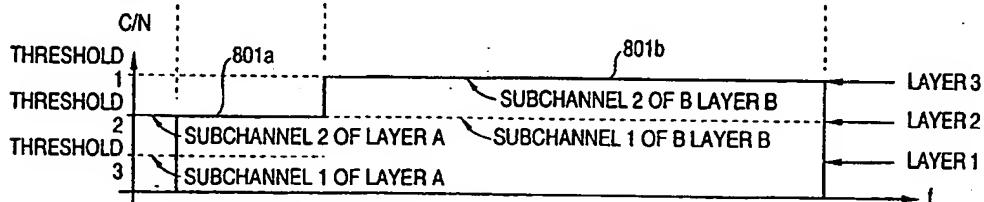
FIG. 108(a)**FIG. 108(b)****FIG. 108(c)****FIG. 108(d)****FIG. 108(e)**

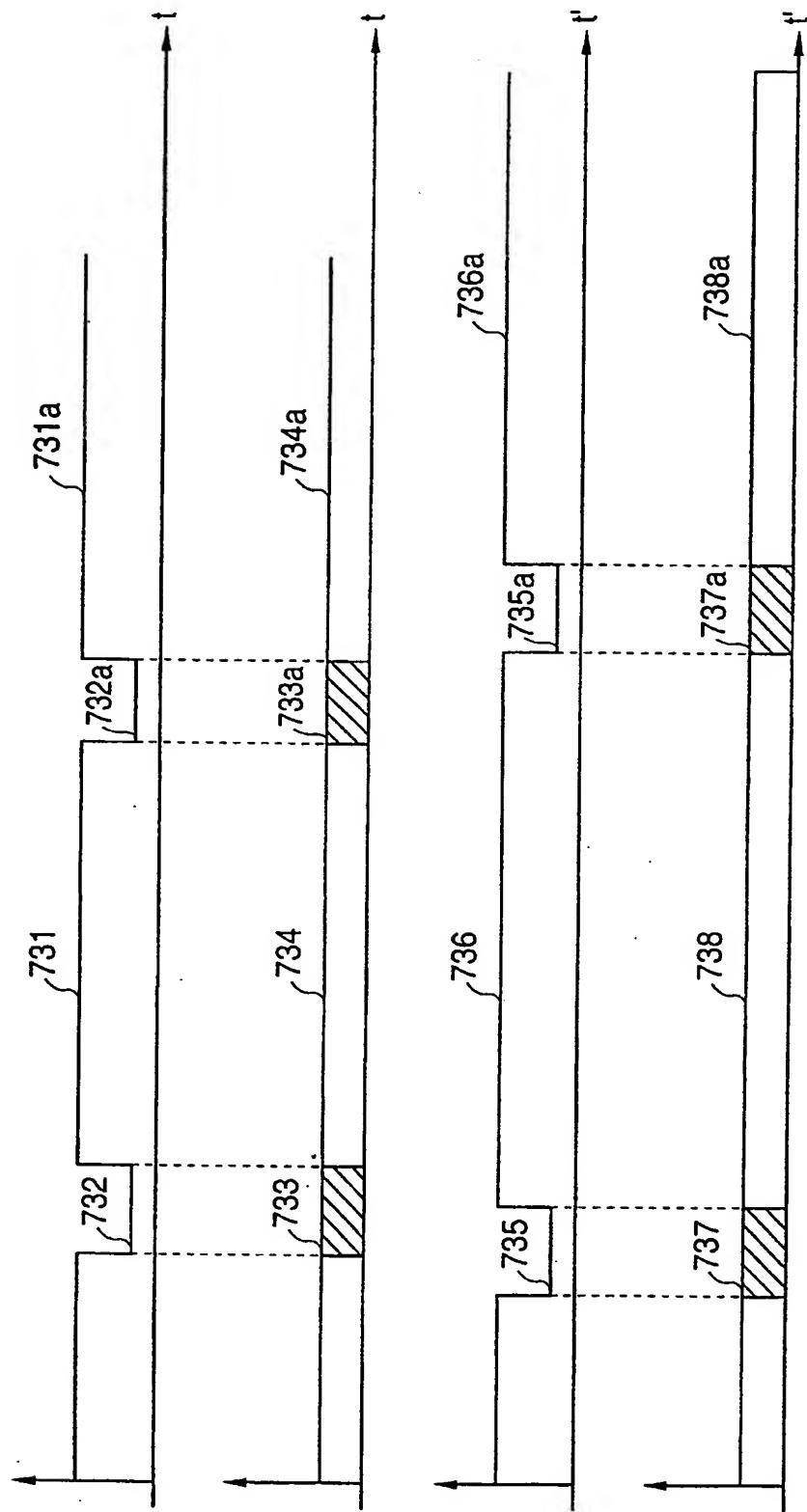
FIG. 109

FIG. 110

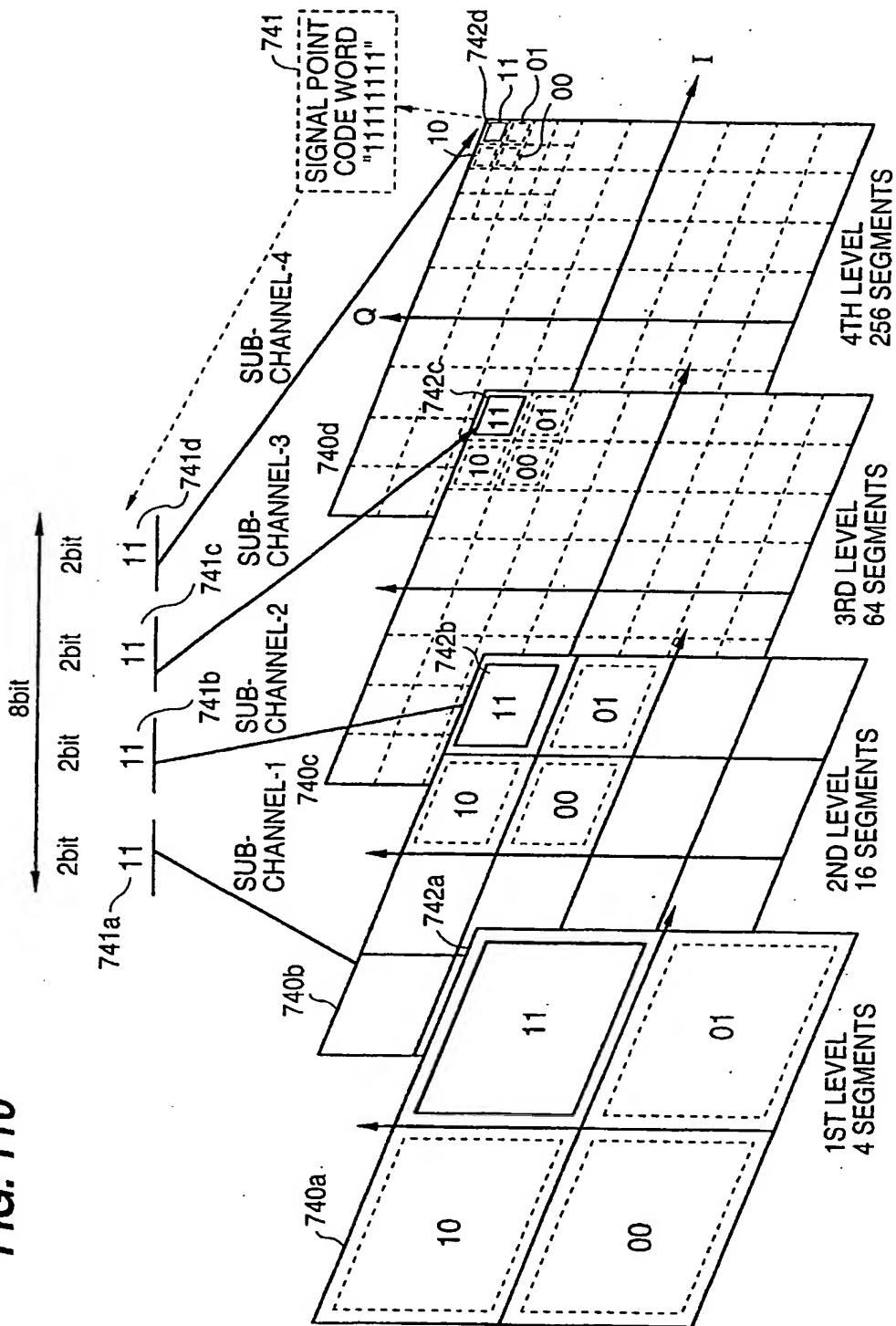
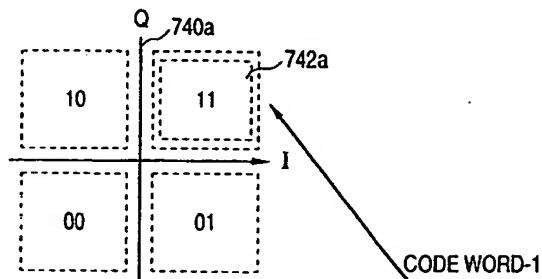
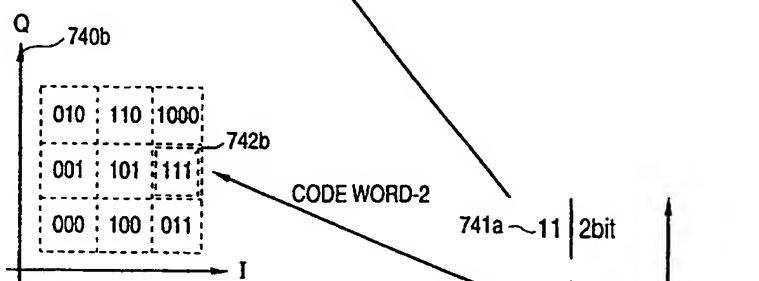


FIG. 111

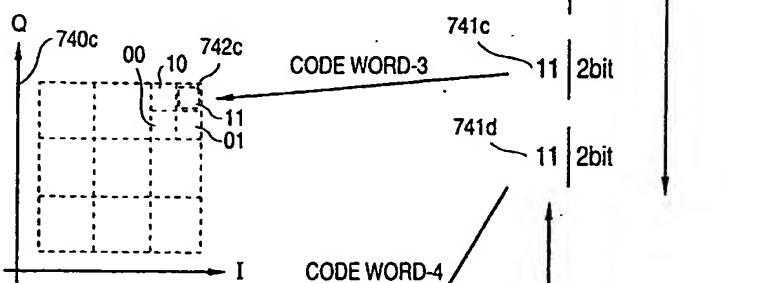
SUBCHANNEL-1 (SRQAM:D1 = 2bit)



SUBCHANNEL-2 (36-SRQAM:D2 = 3bit + 1/8bit)



SUBCHANNEL-3 (144-SRQAM:D3 = 2bit)



SUBCHANNEL-4 (576-SRQAM:D4 = 2bit)

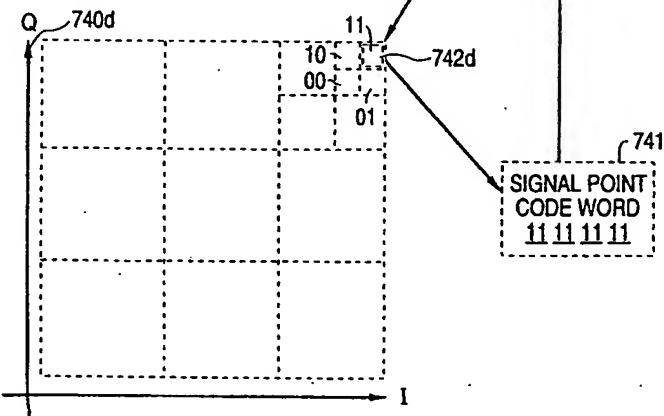
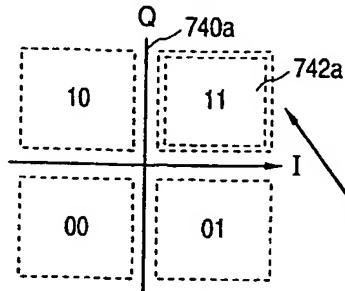
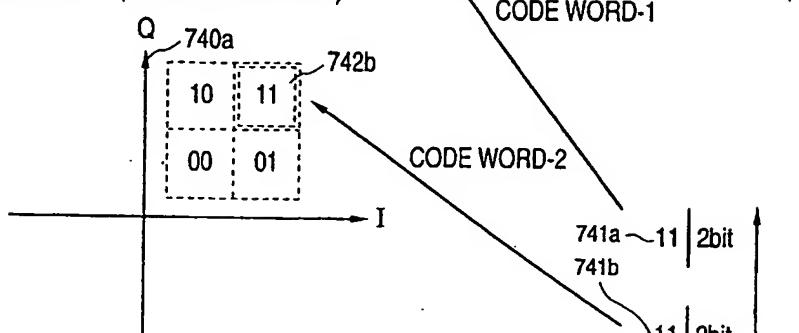


FIG. 112

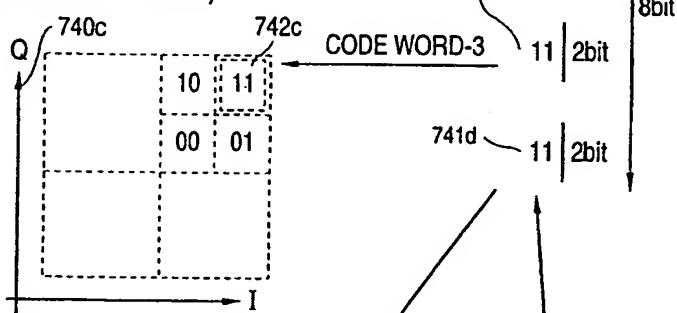
SUBCHANNEL-1 (SRQAM:D1 = 2bit)



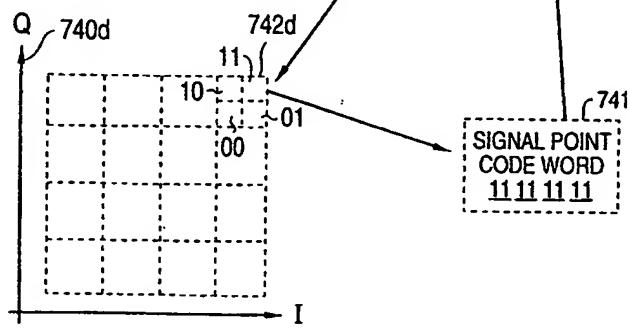
SUBCHANNEL-2 (16-SRQAM:D2 = 2bit)



SUBCHANNEL-3 (64-SRQAM:D3 = 2bit)



SUBCHANNEL-4 (256-SRQAM:D4 = 2bit)



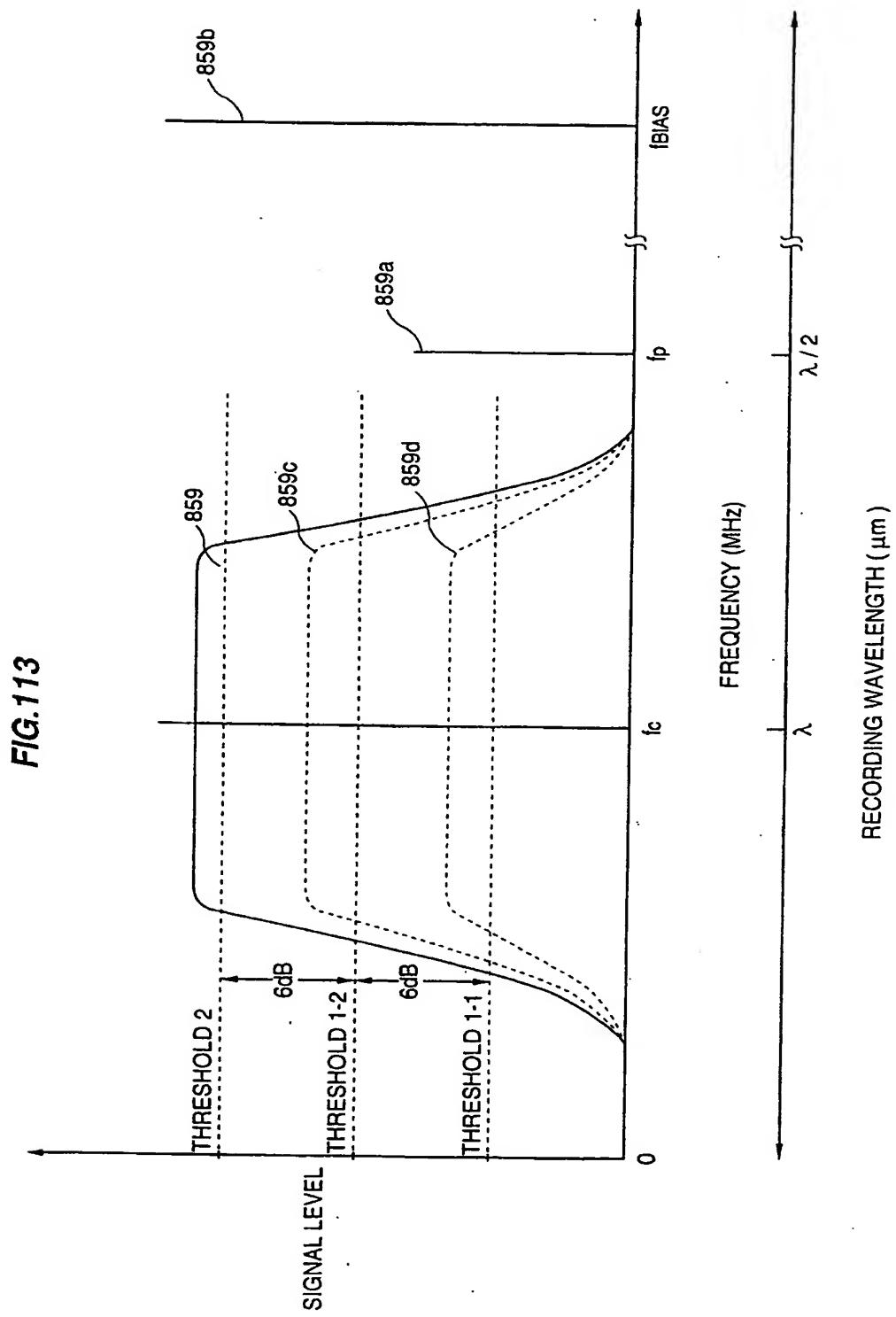


FIG. 114

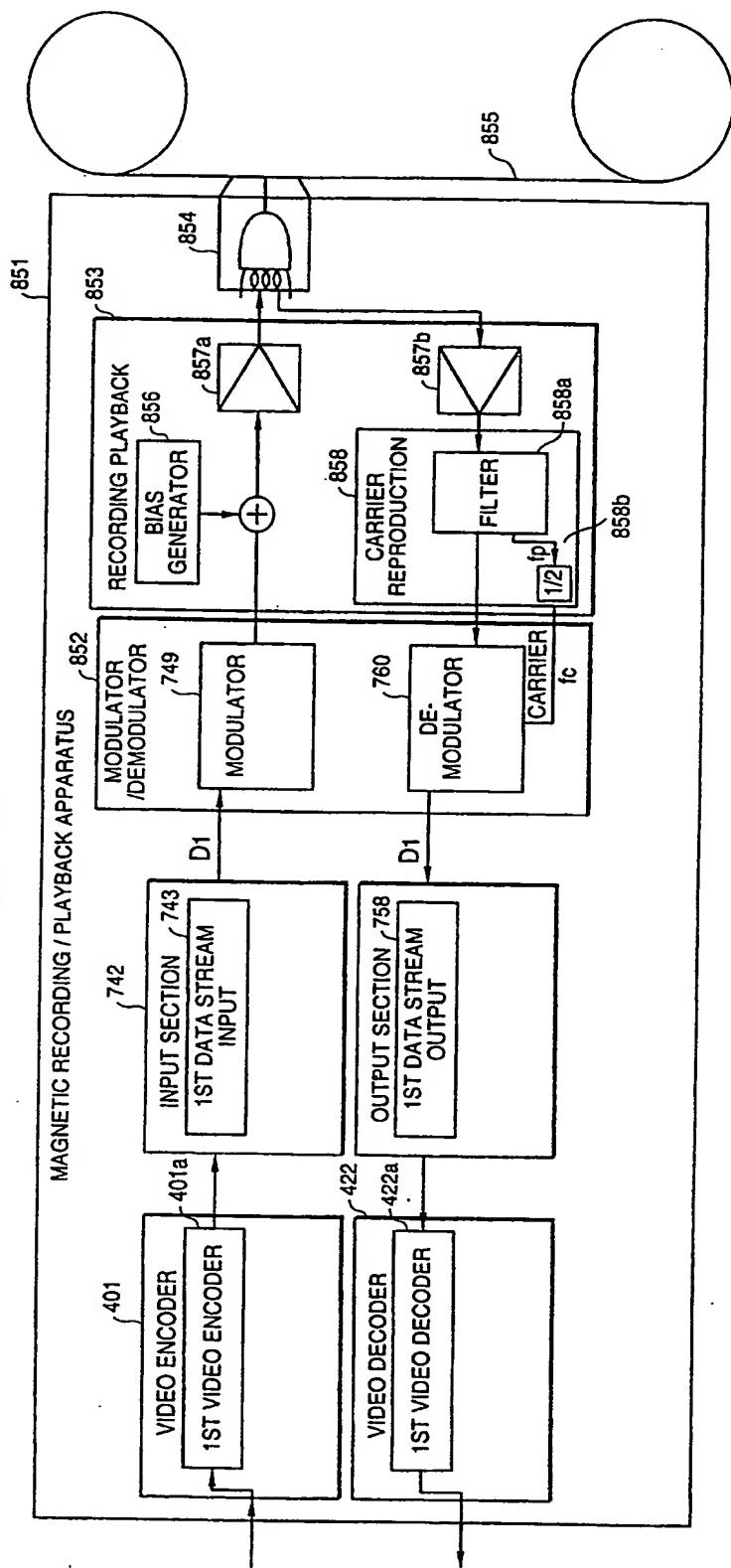
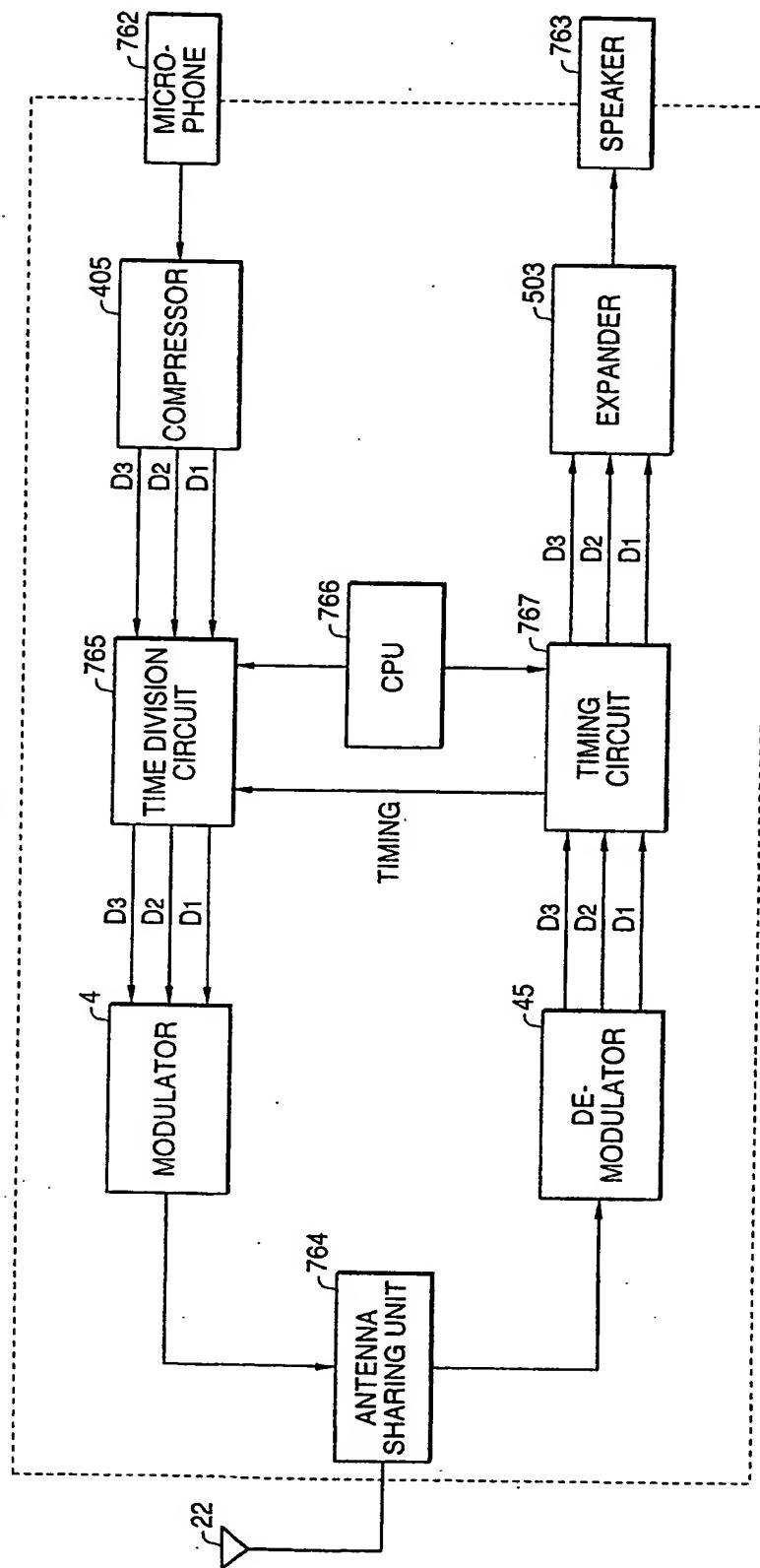
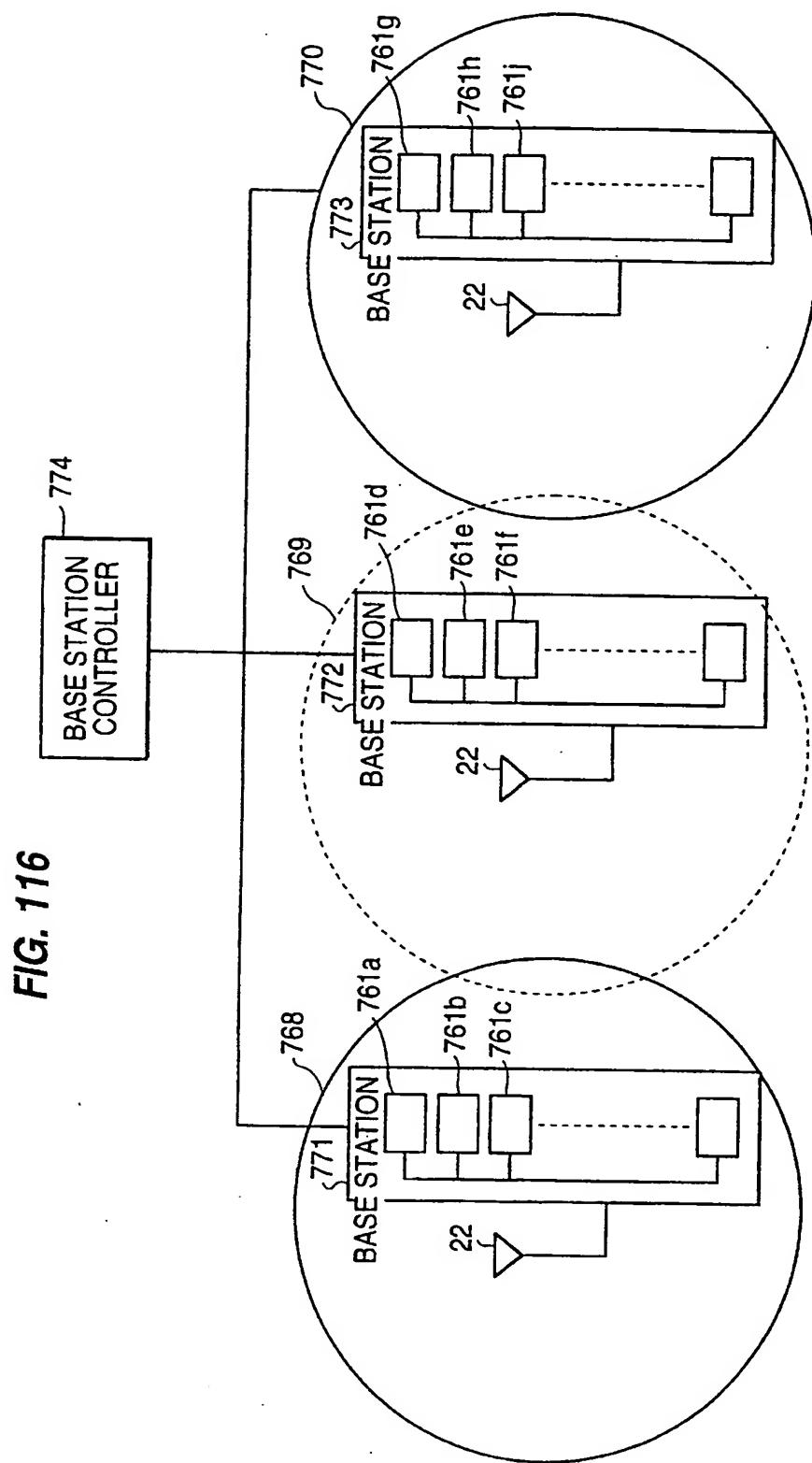


FIG. 115





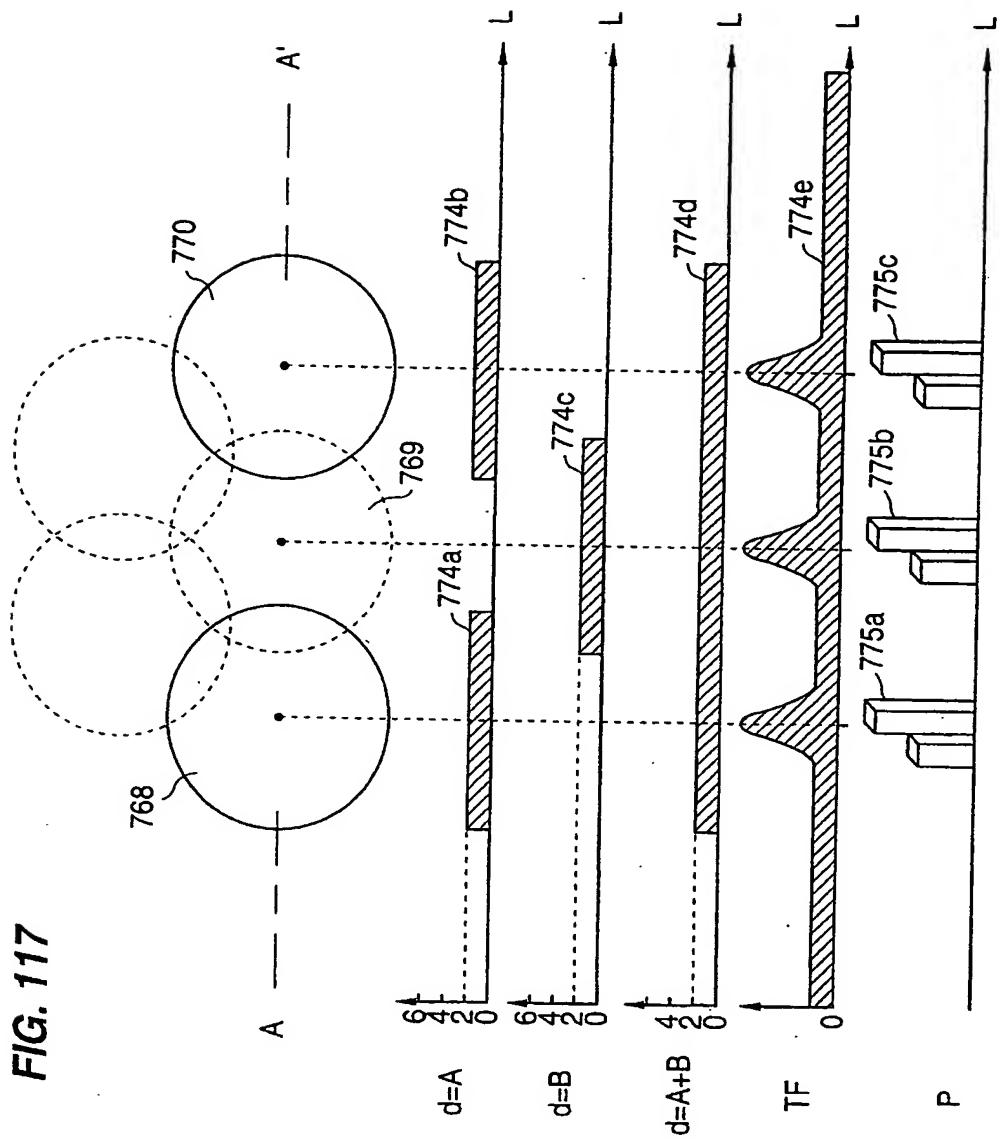


FIG. 118

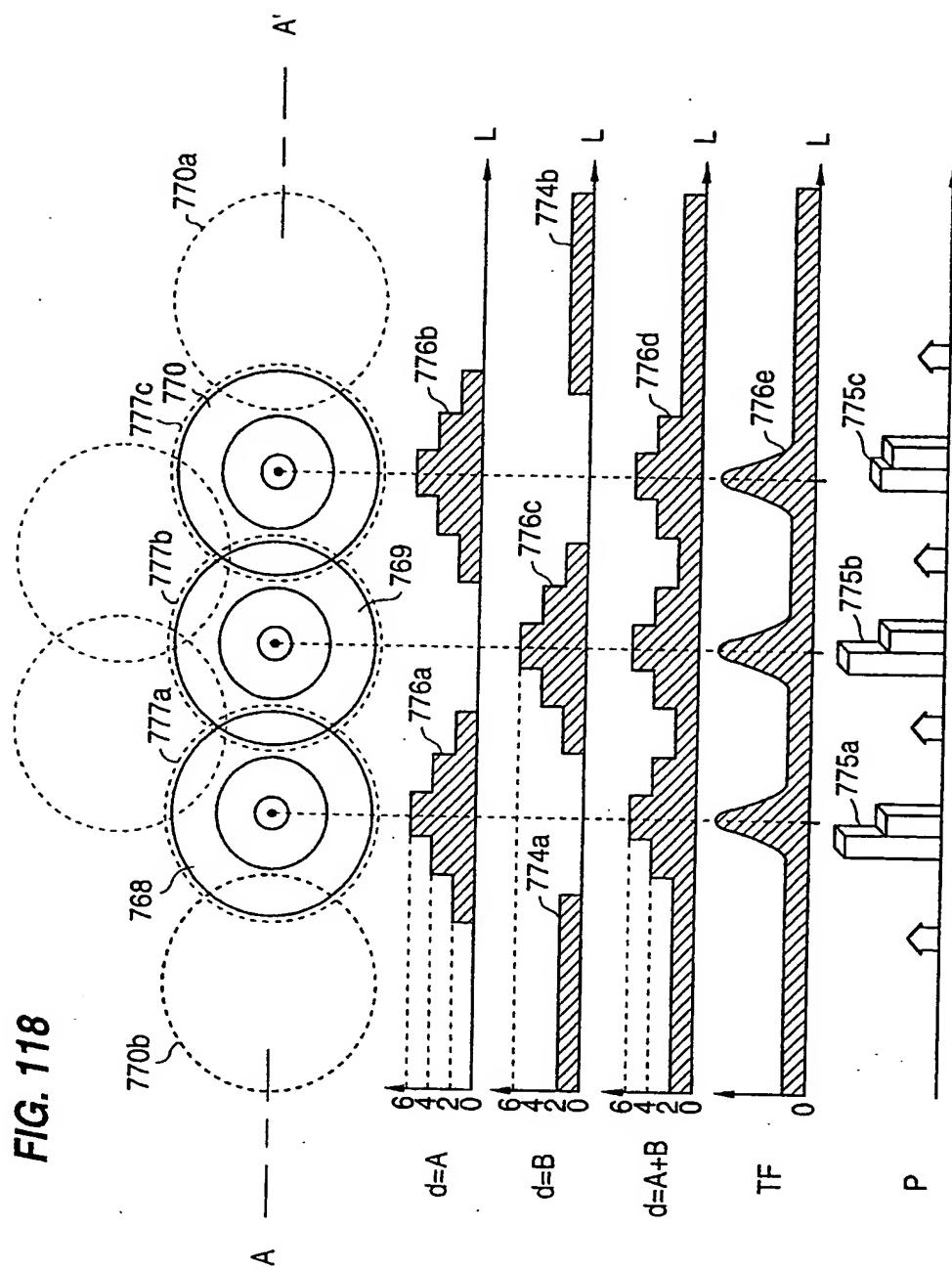


FIG. 119(a)

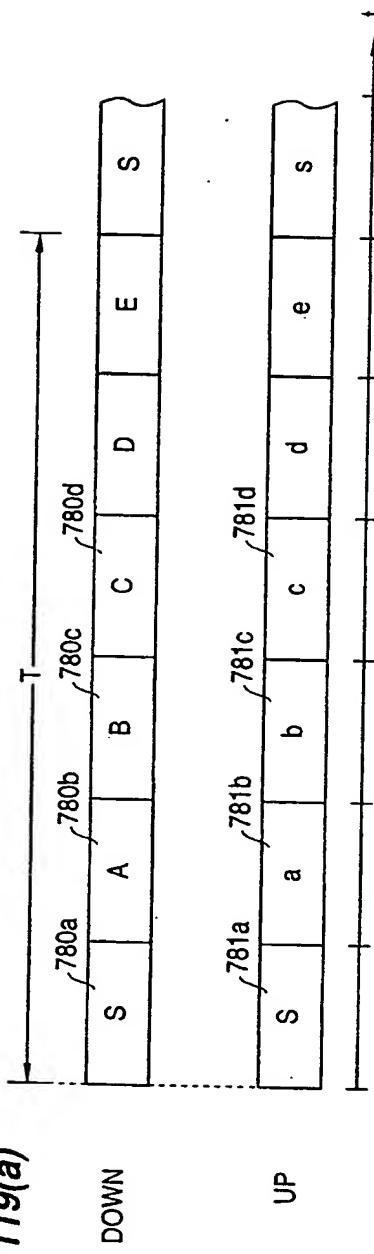


FIG. 119(b)

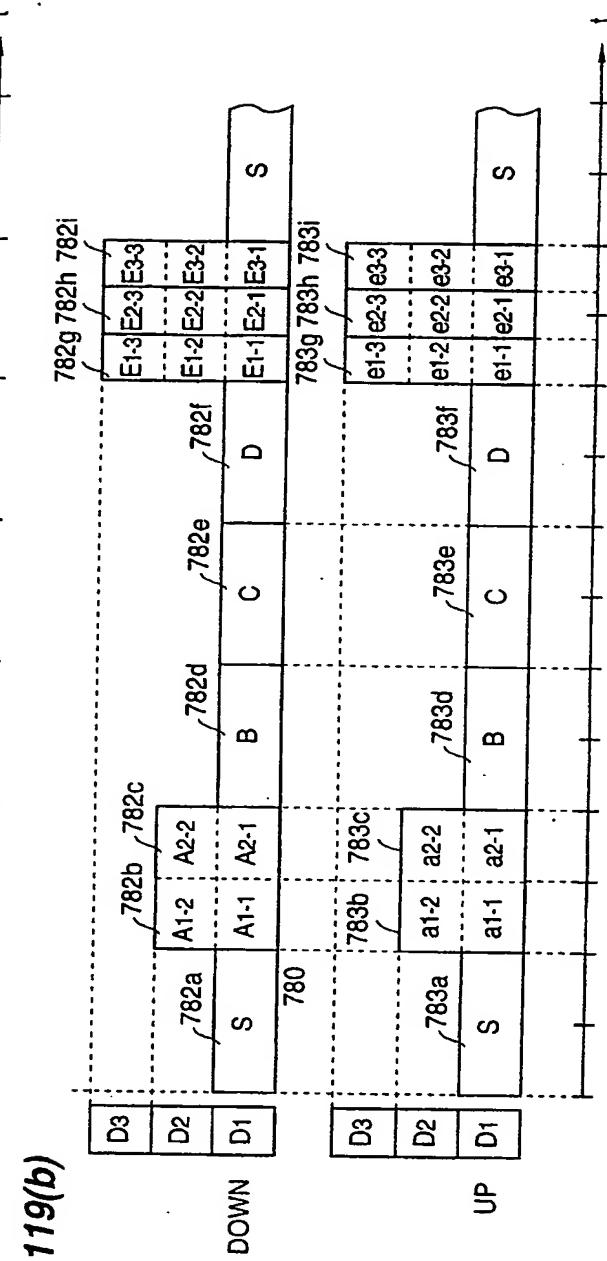


FIG. 120(a)

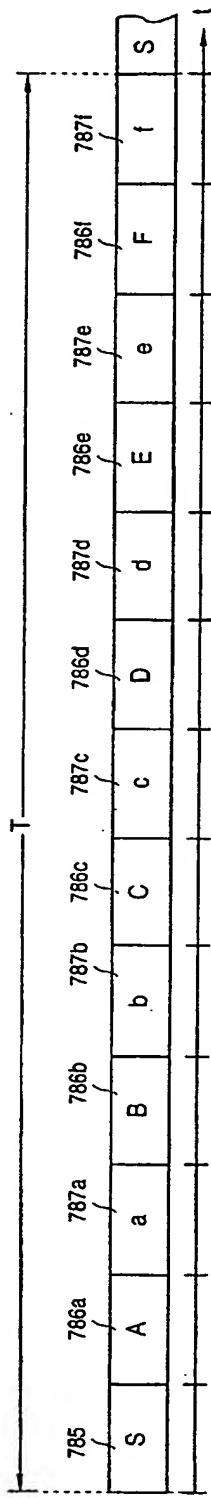


FIG. 120(b)

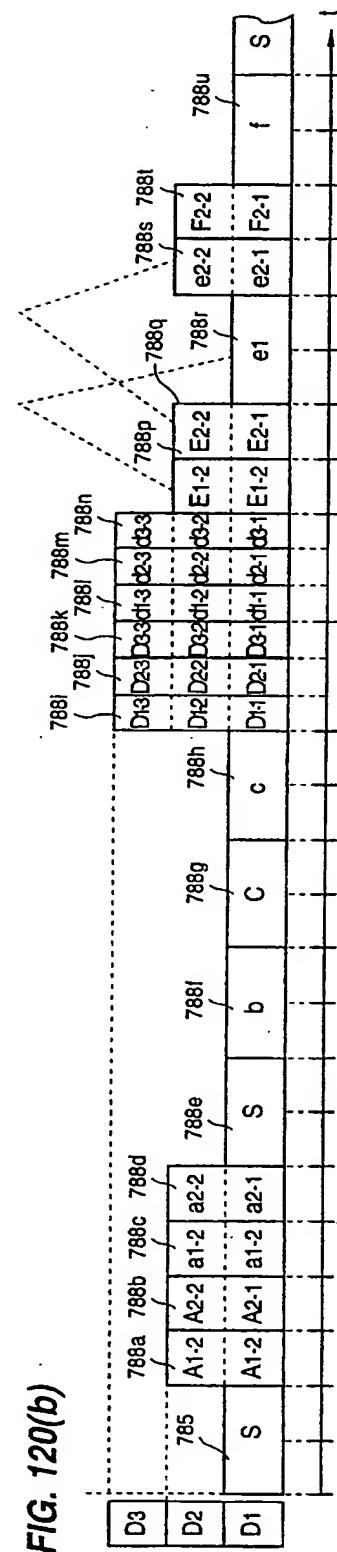


FIG. 121

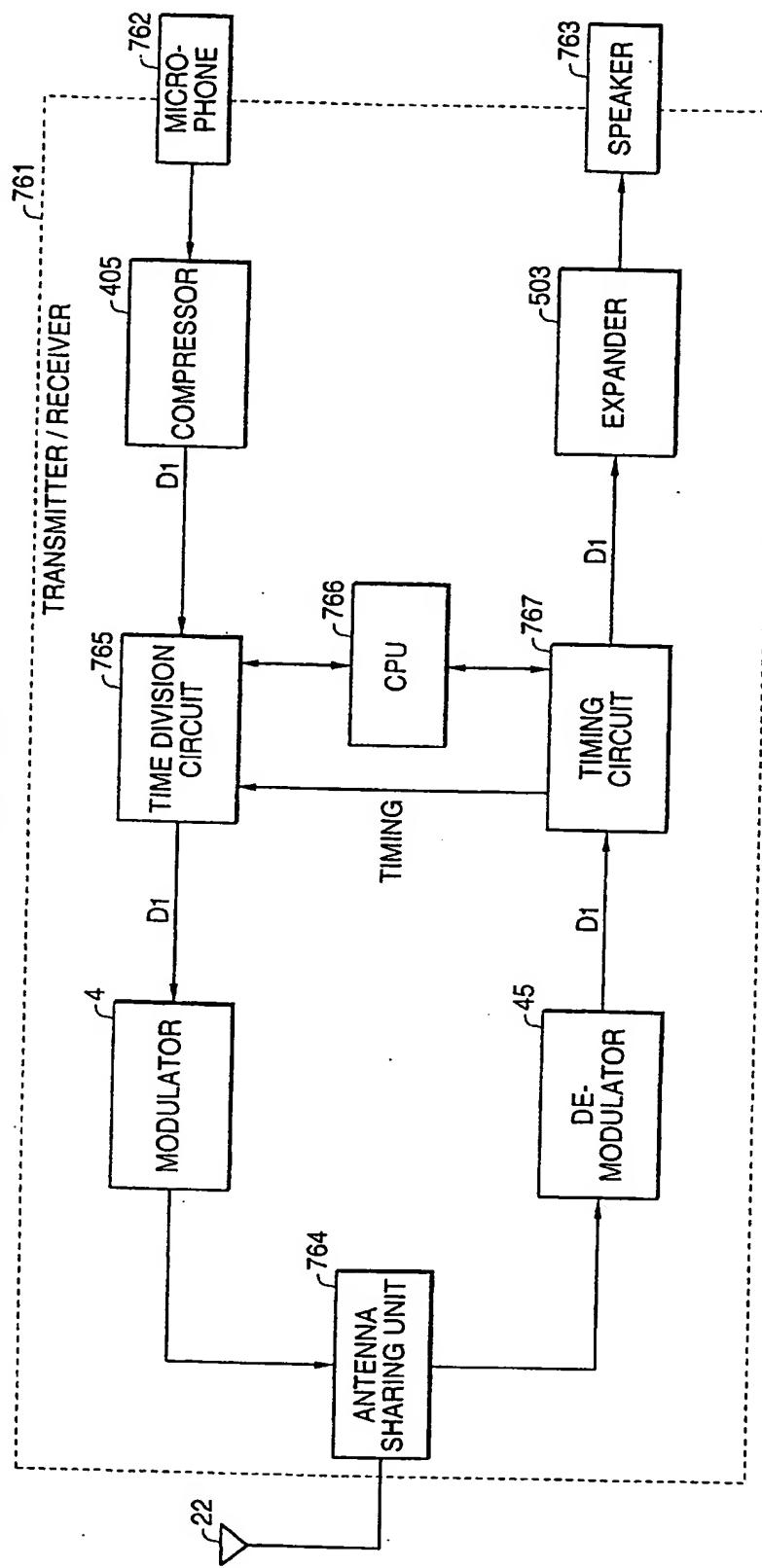
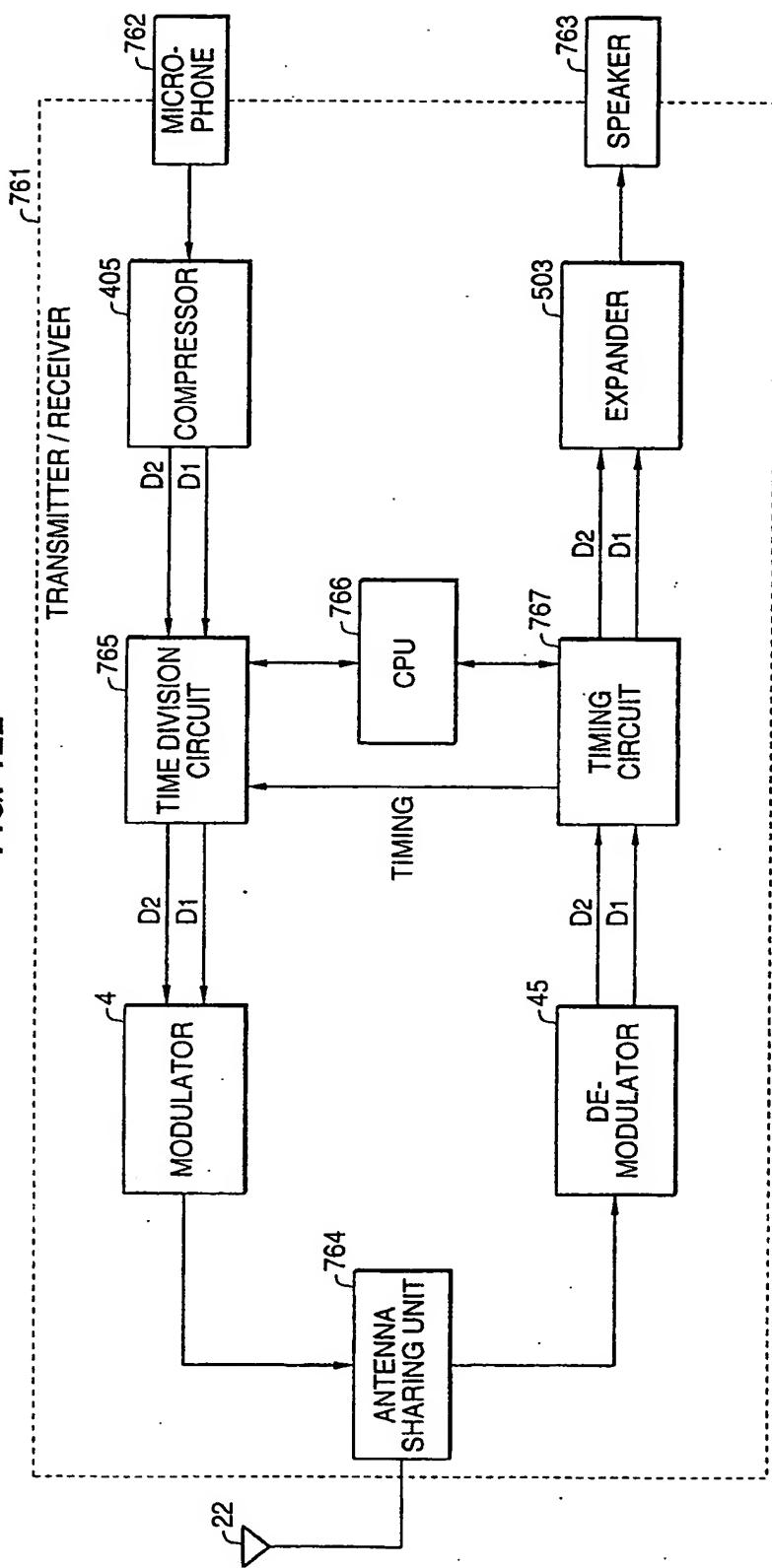


FIG. 122



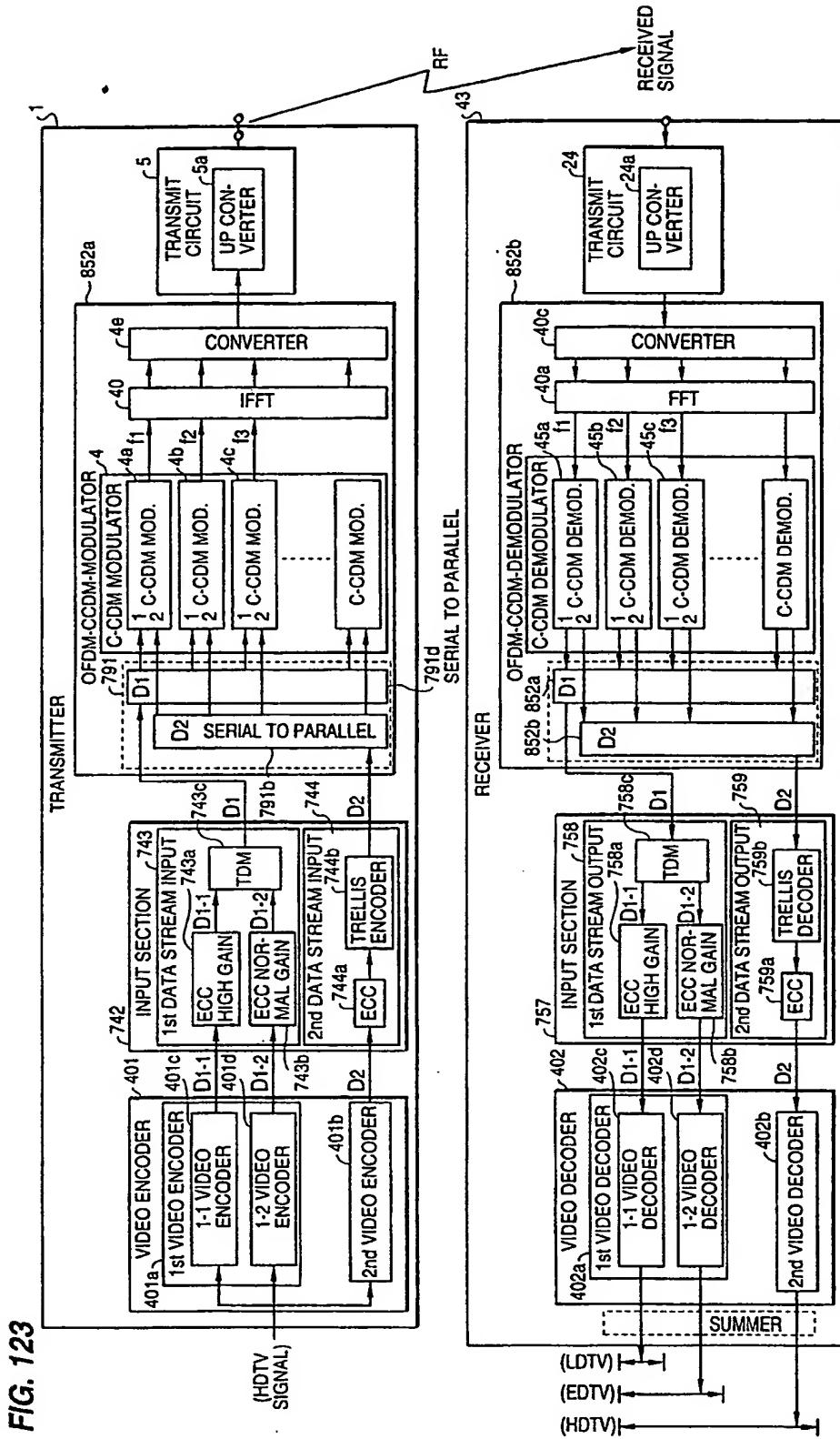
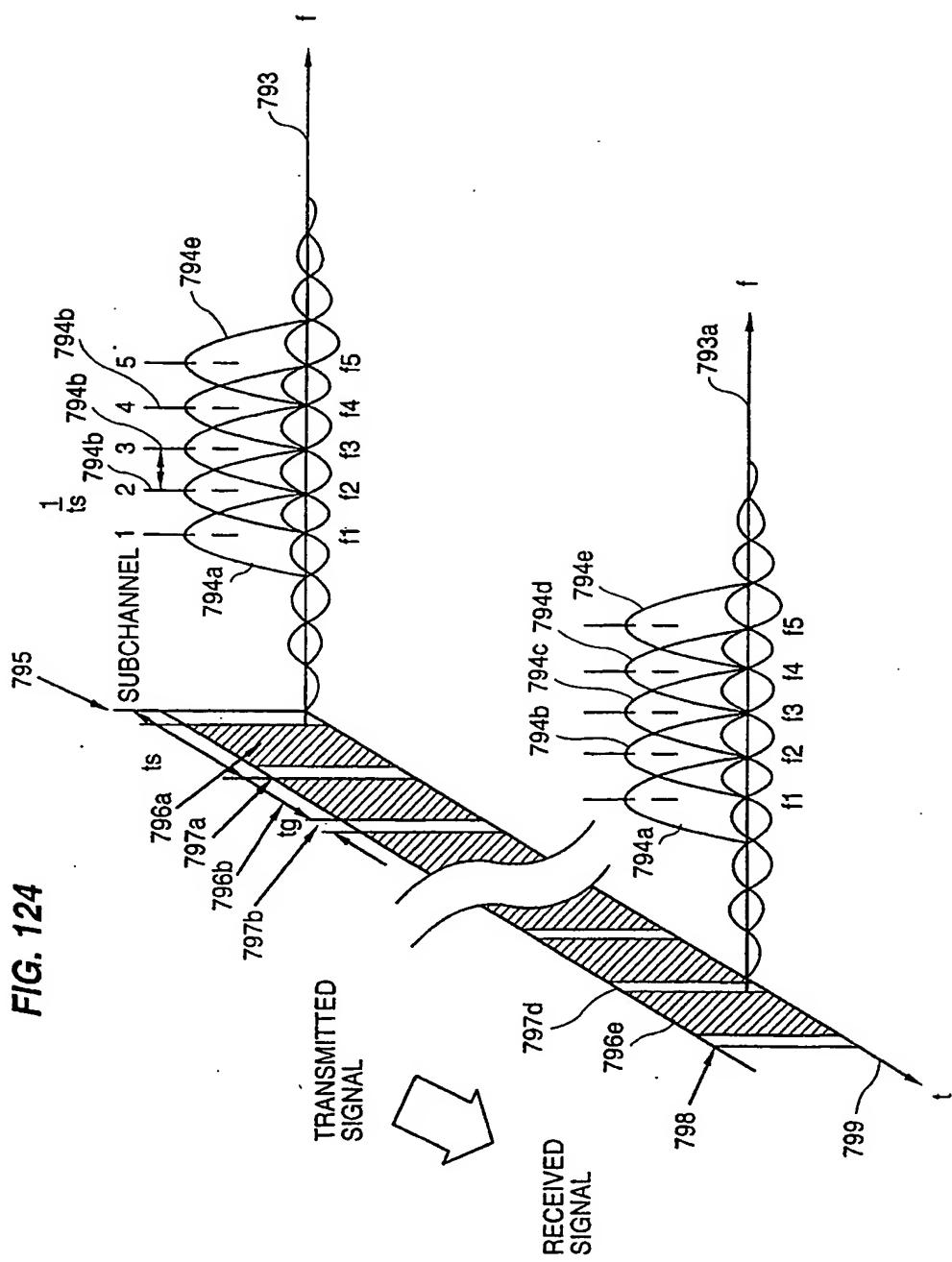
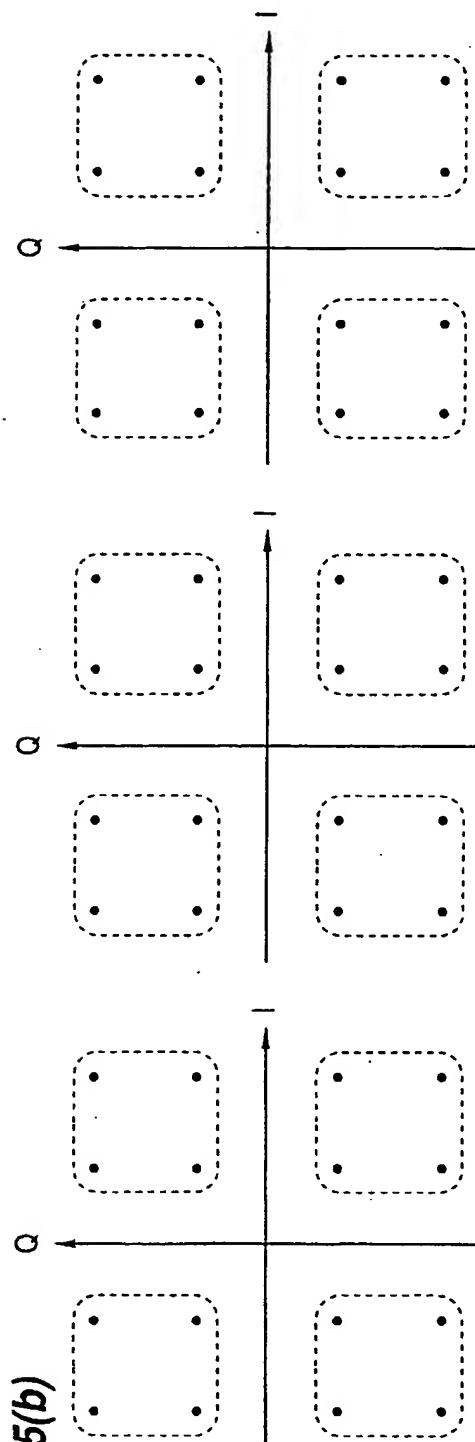
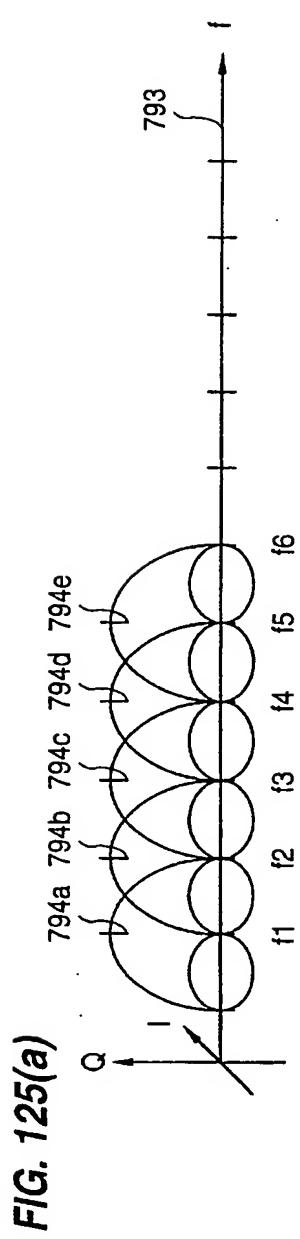


FIG. 123





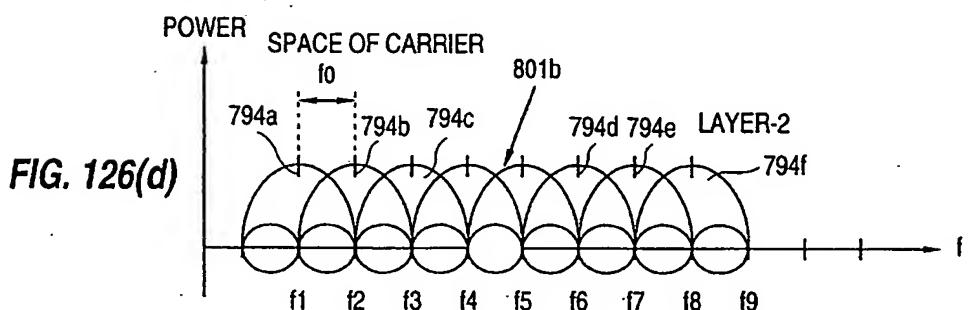
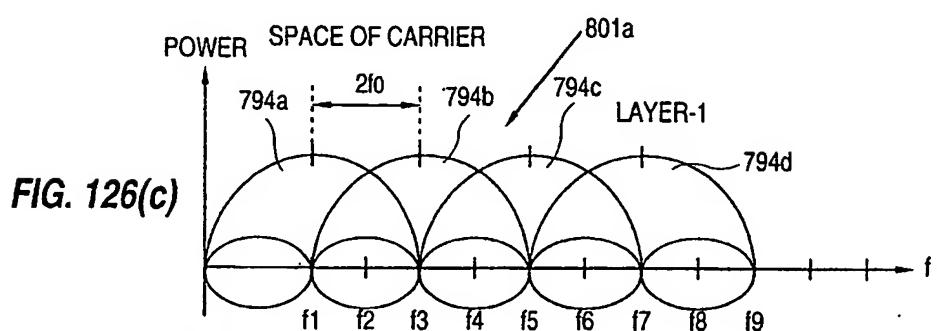
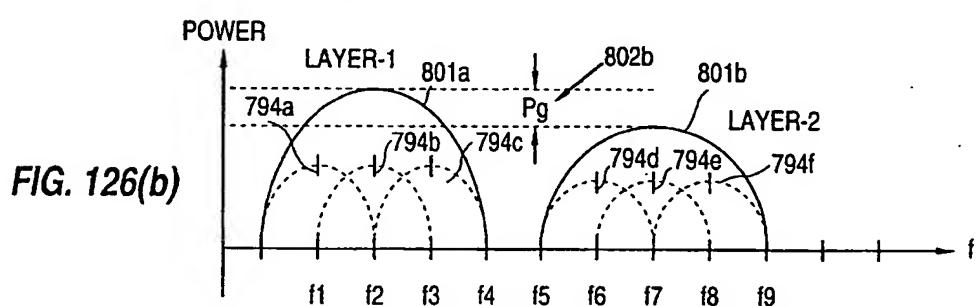
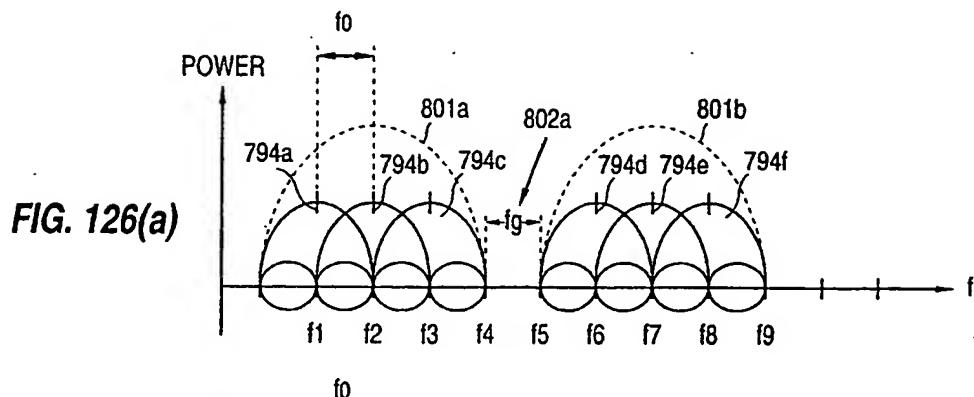


FIG. 127

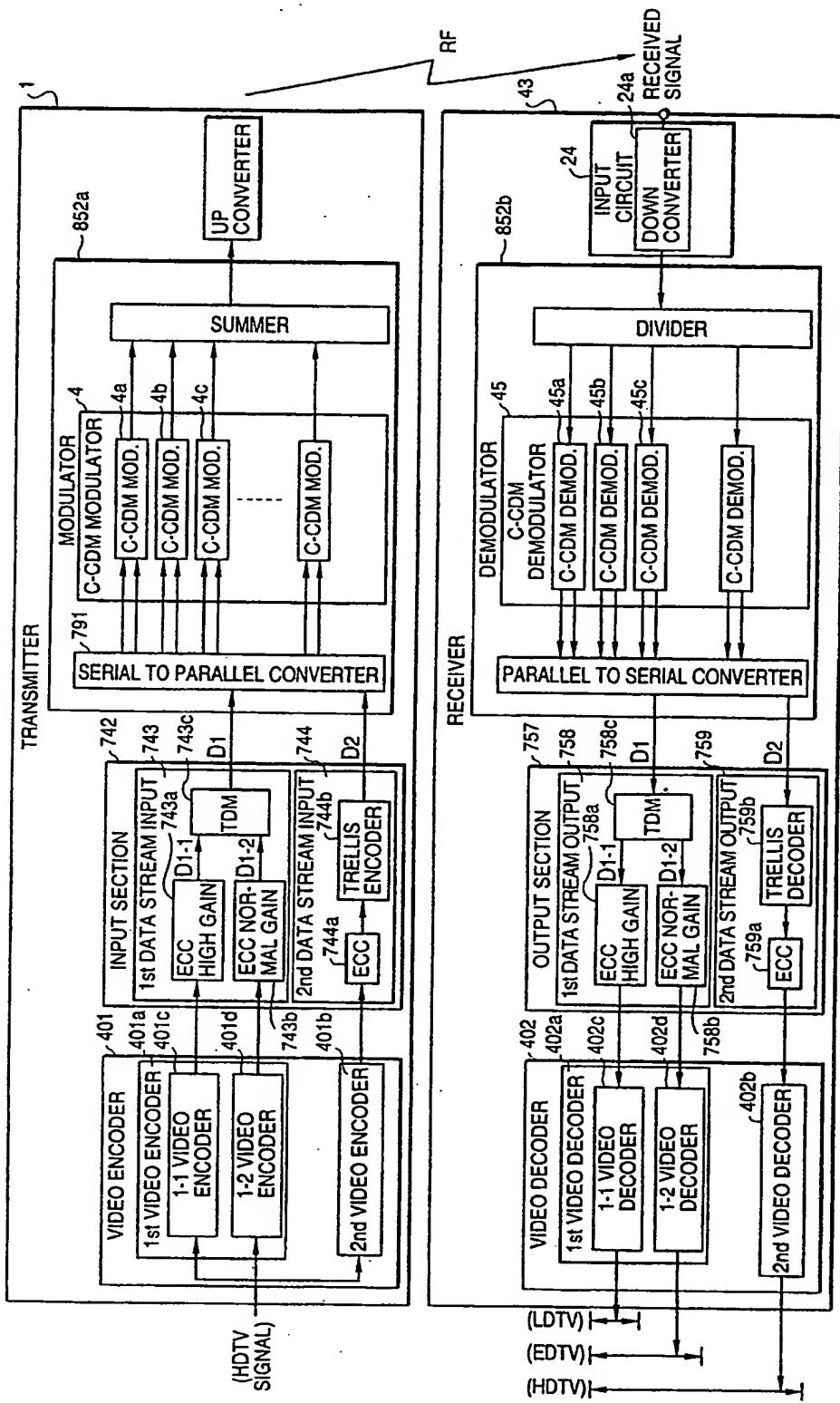


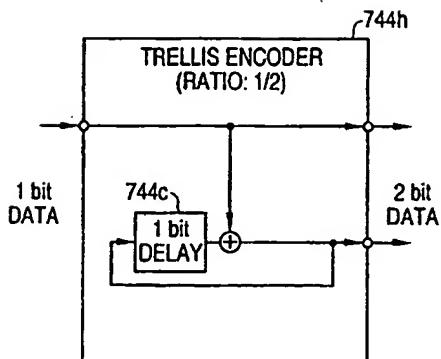
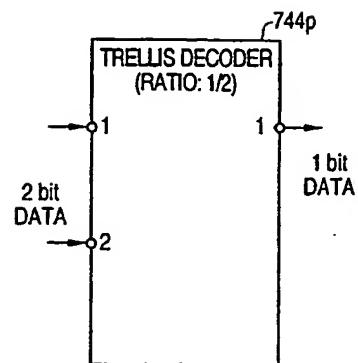
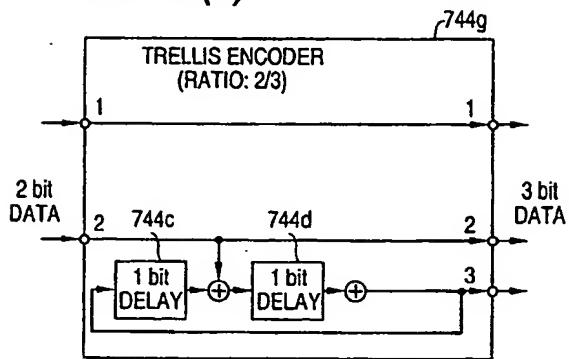
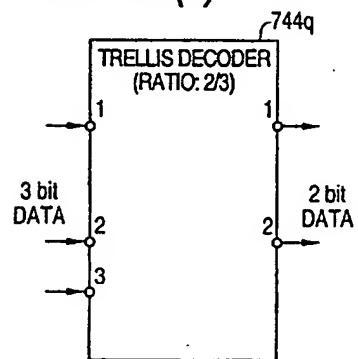
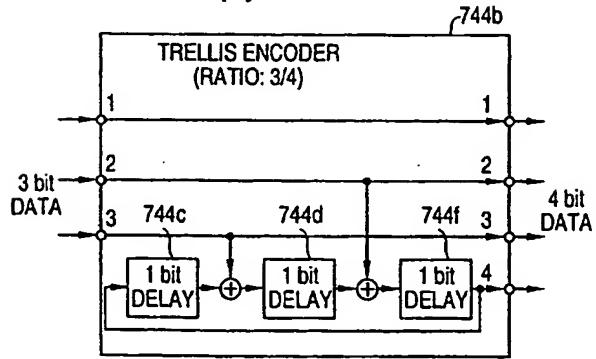
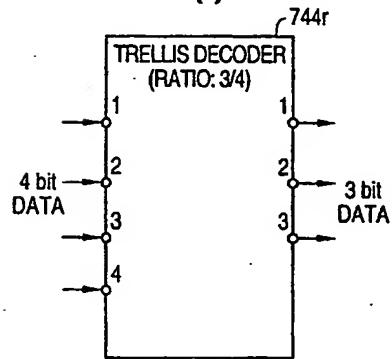
FIG. 128(a)**FIG. 128(d)****FIG. 128(b)****FIG. 128(e)****FIG. 128(c)****FIG. 128(f)**

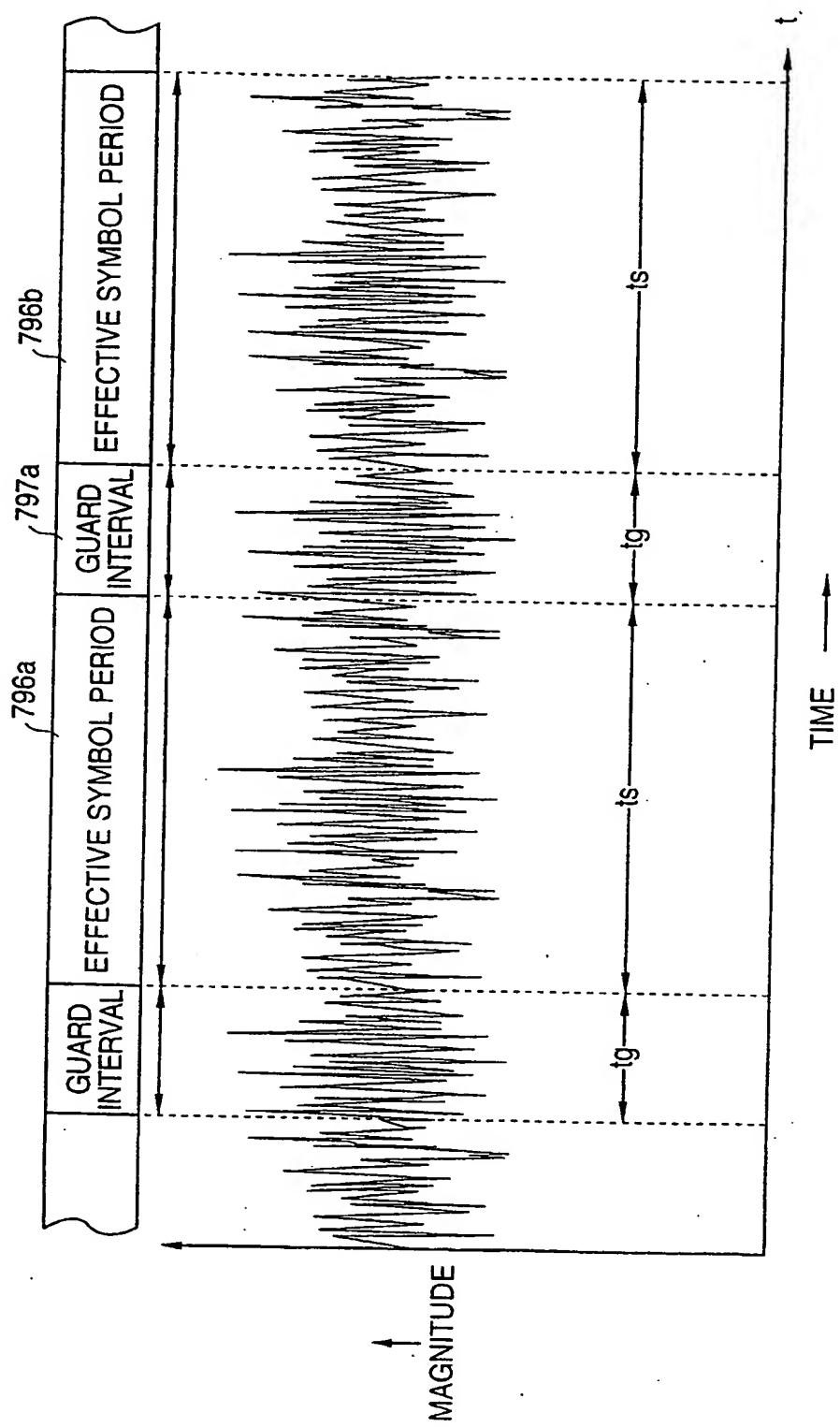
FIG. 129

FIG. 130

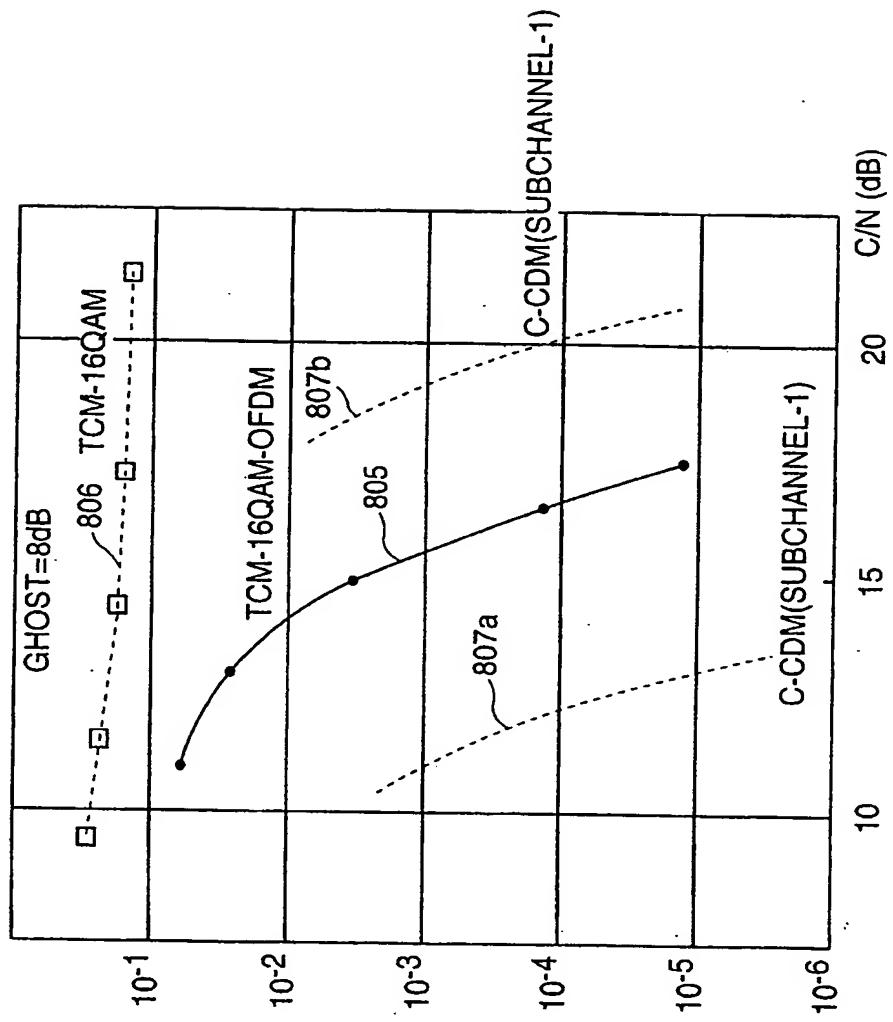


FIG. 131

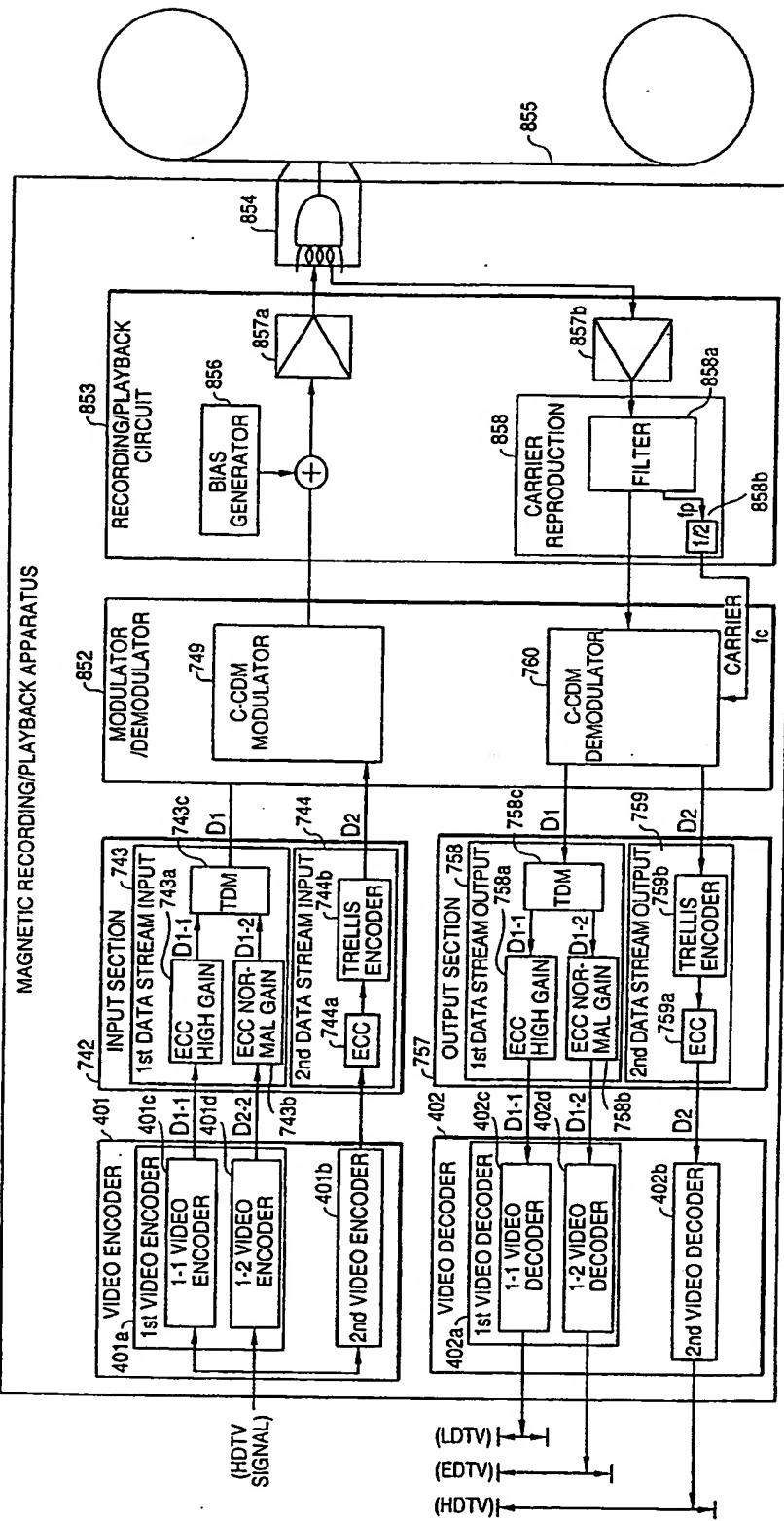


FIG. 132

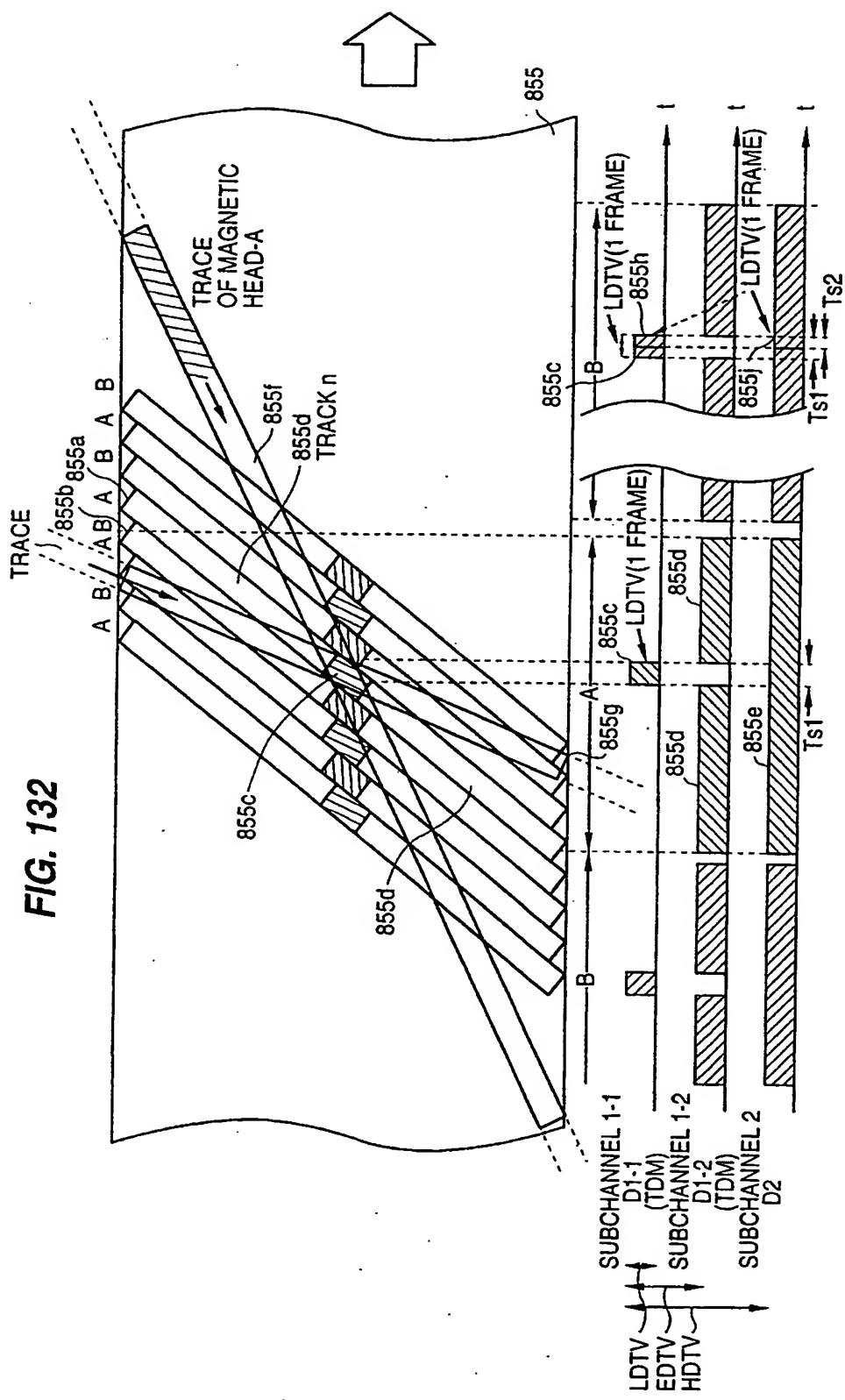


FIG. 133

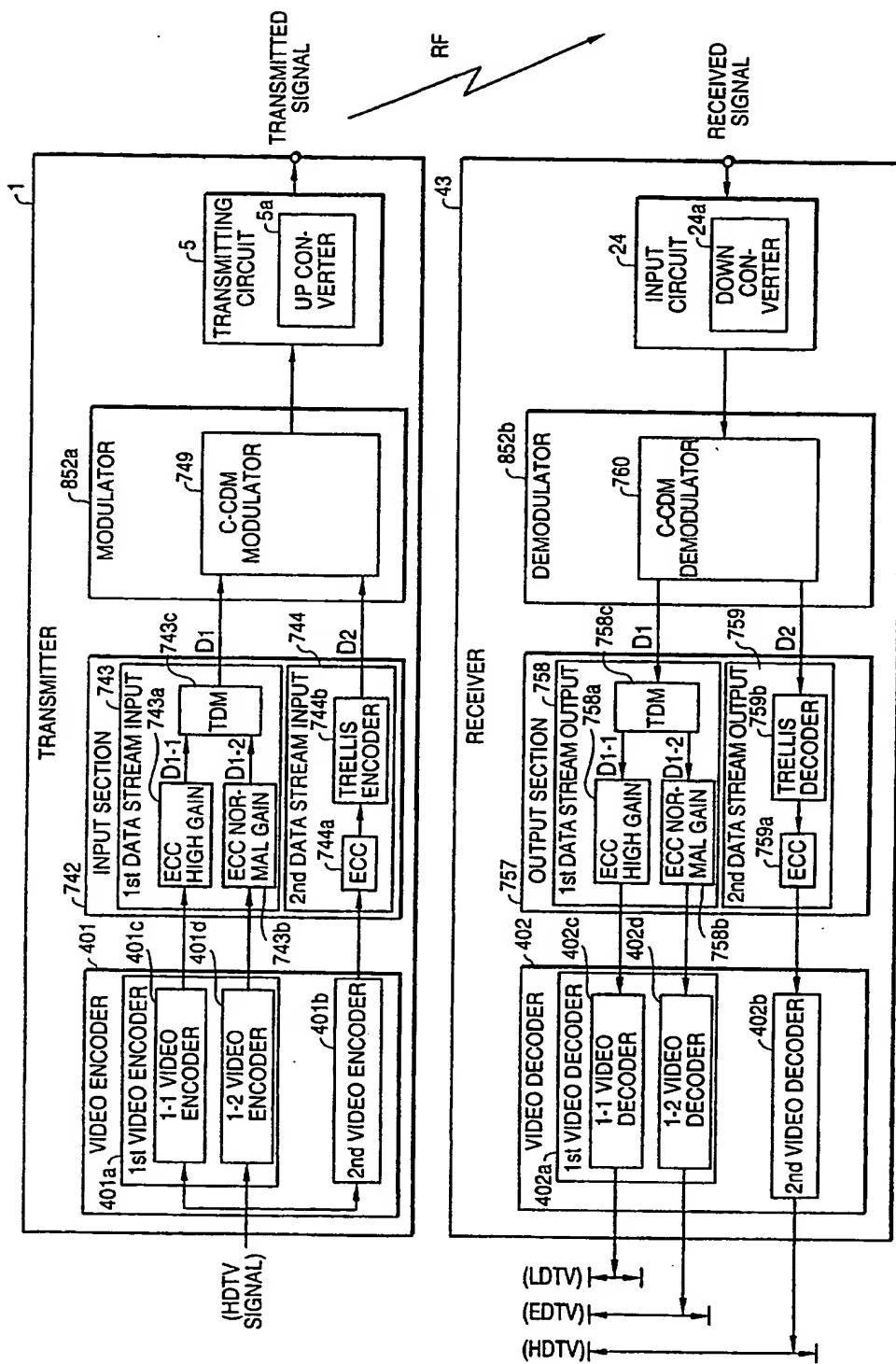


FIG. 134

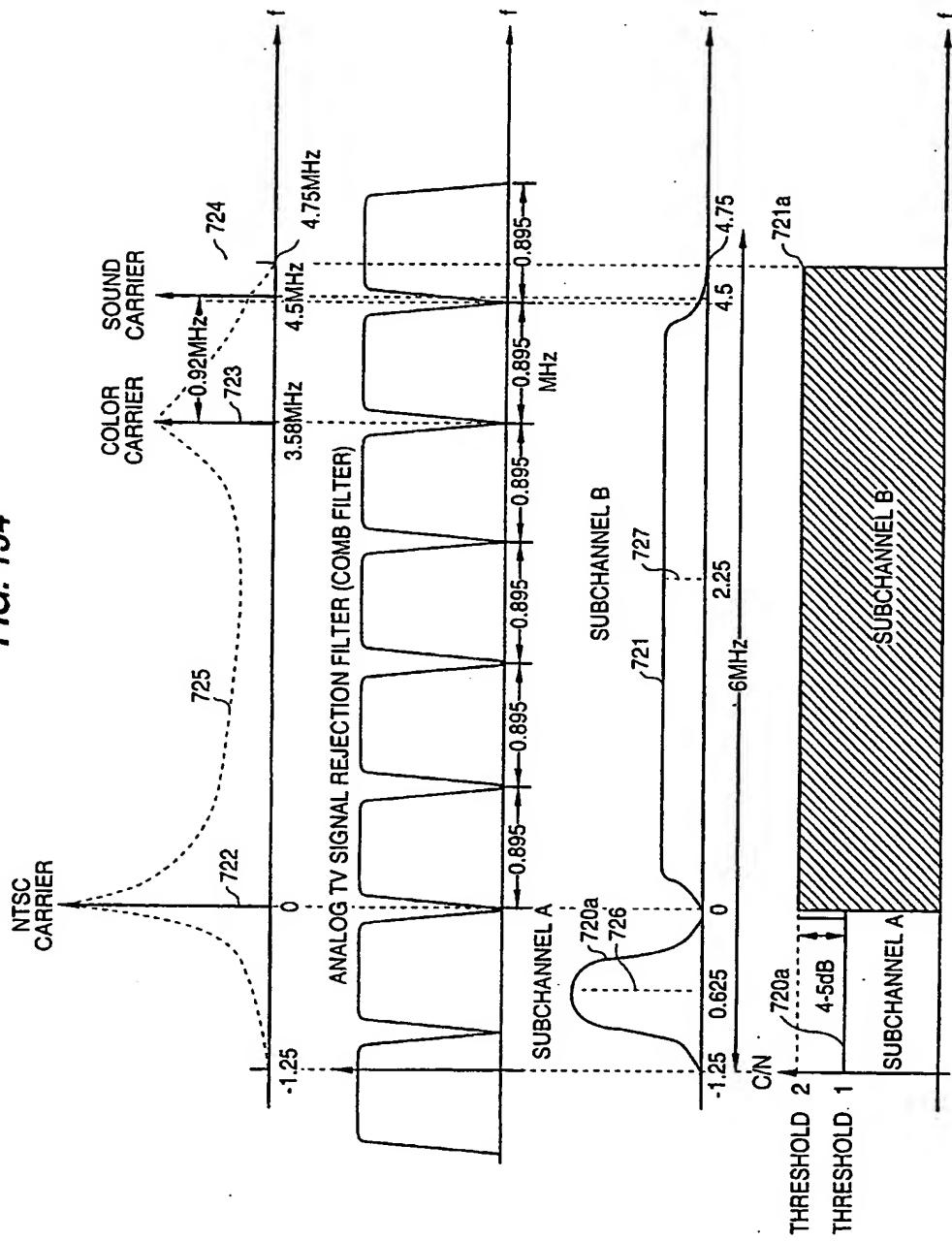


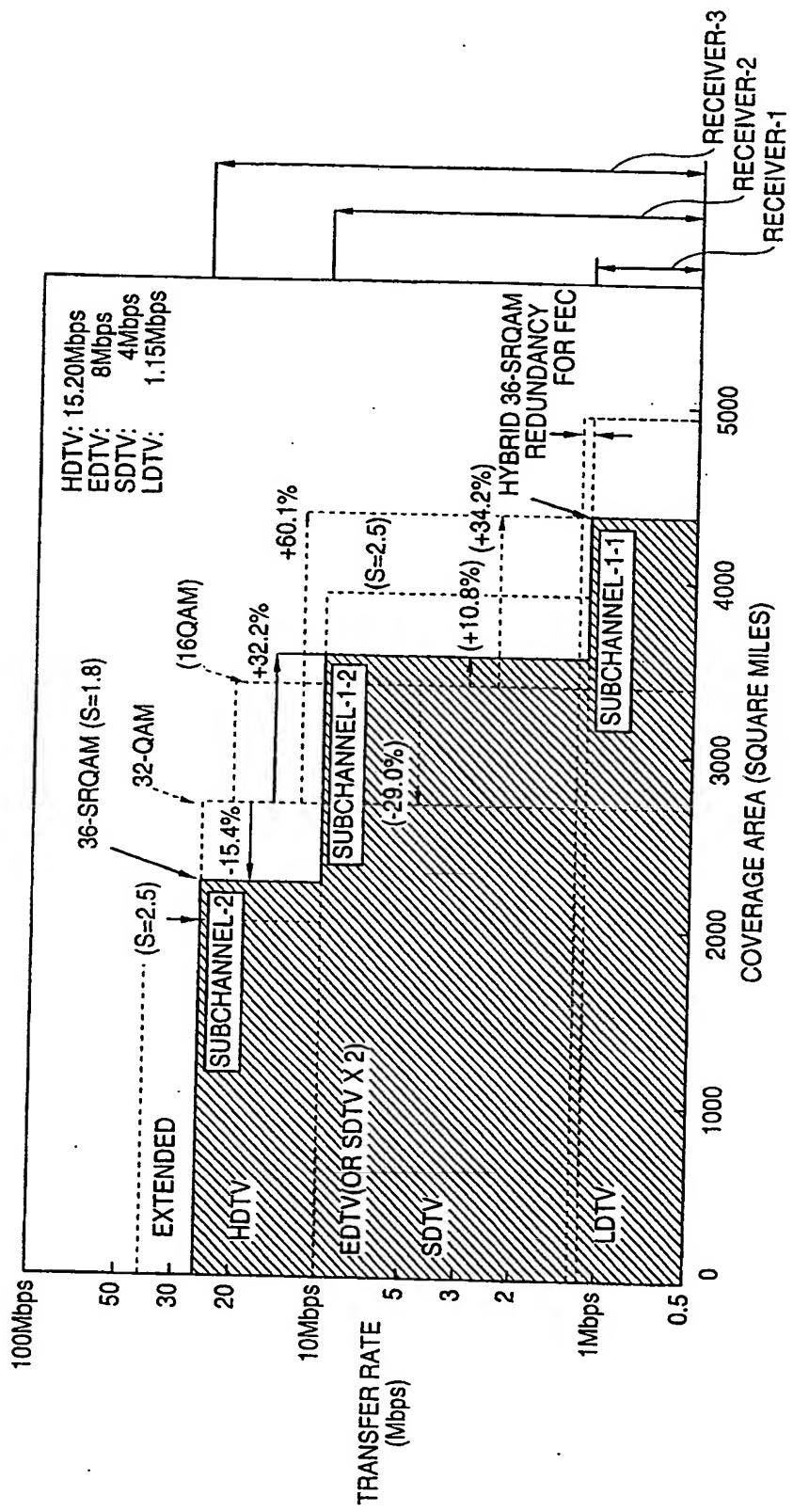
FIG. 135

FIG. 136

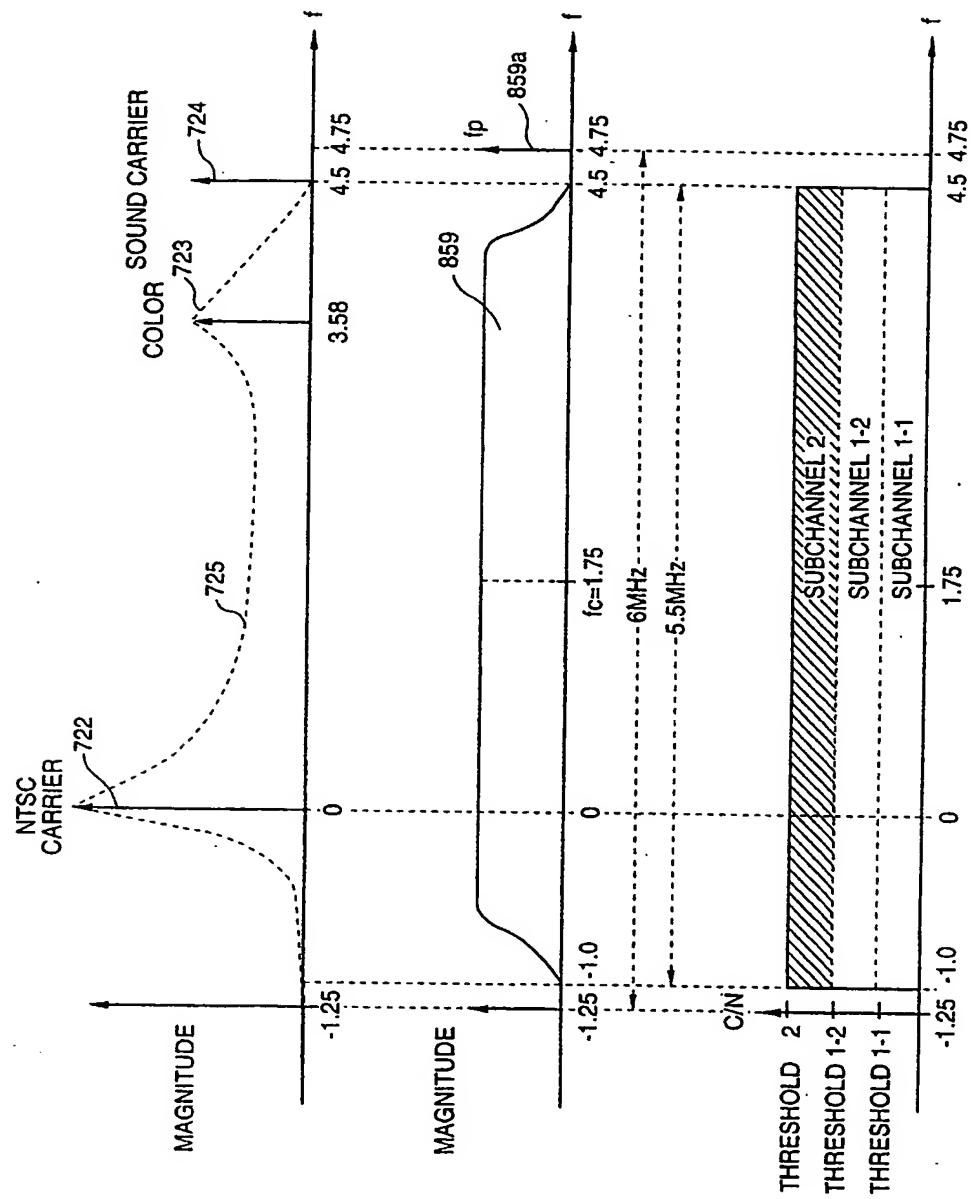
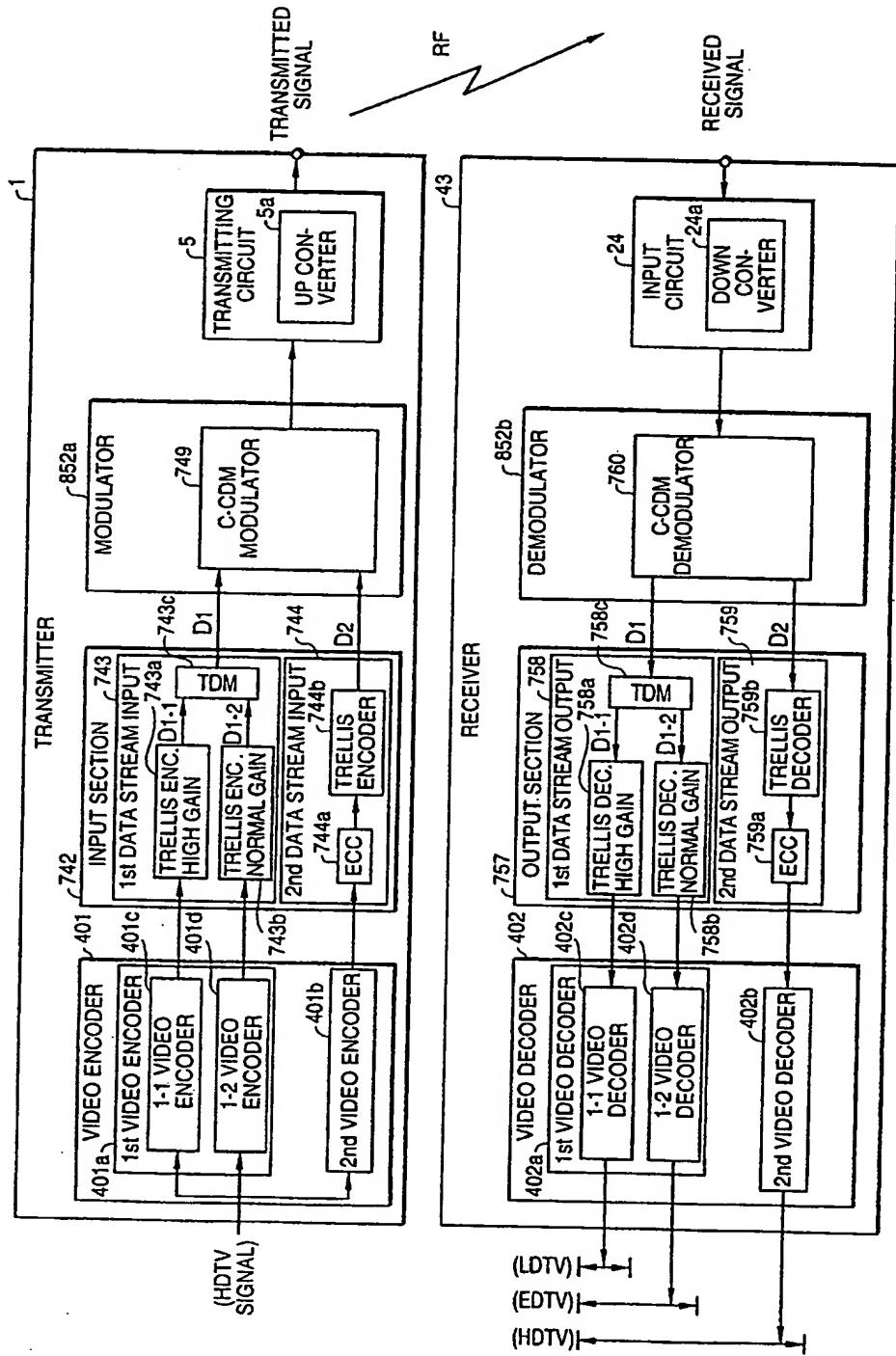


FIG. 137



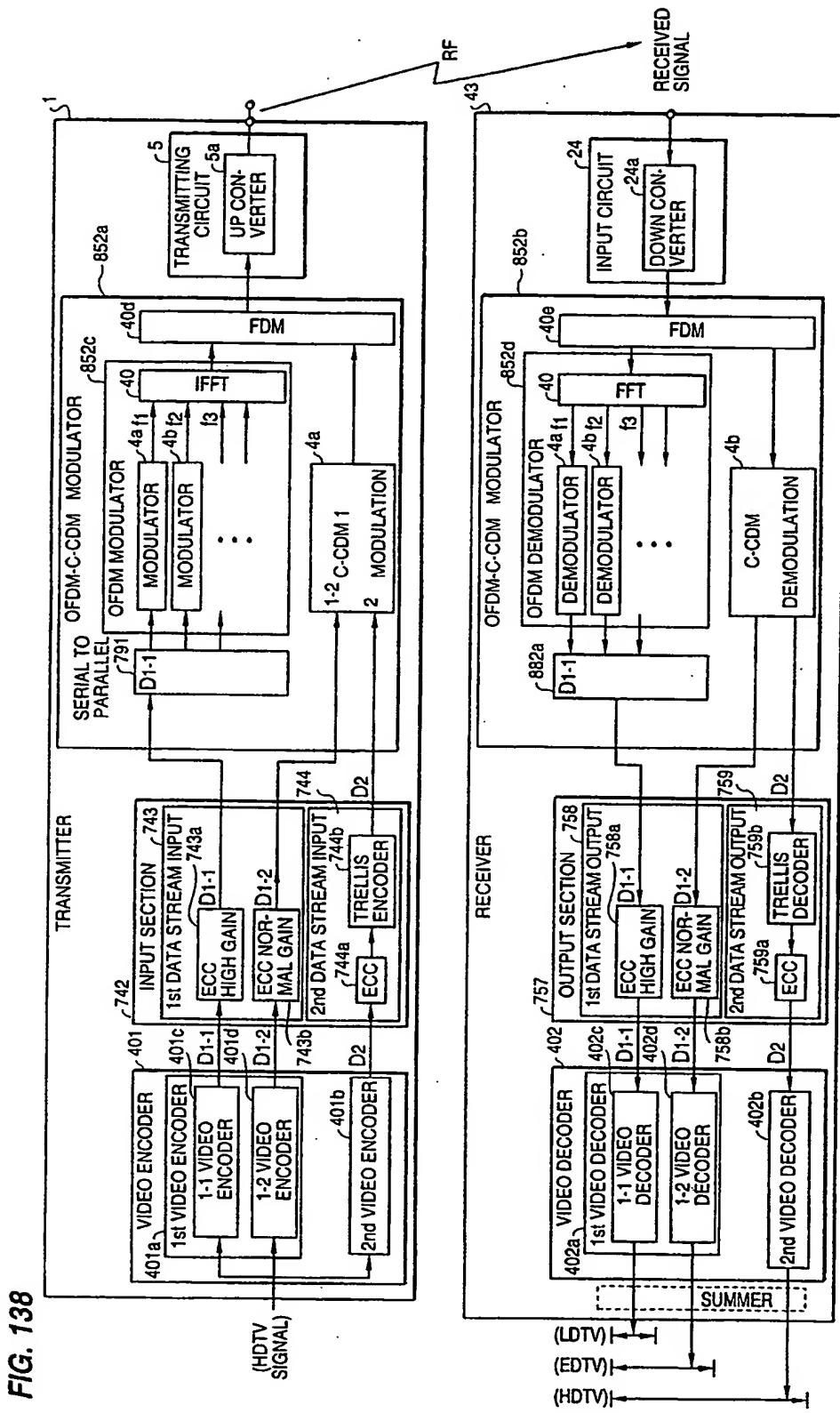


FIG. 138

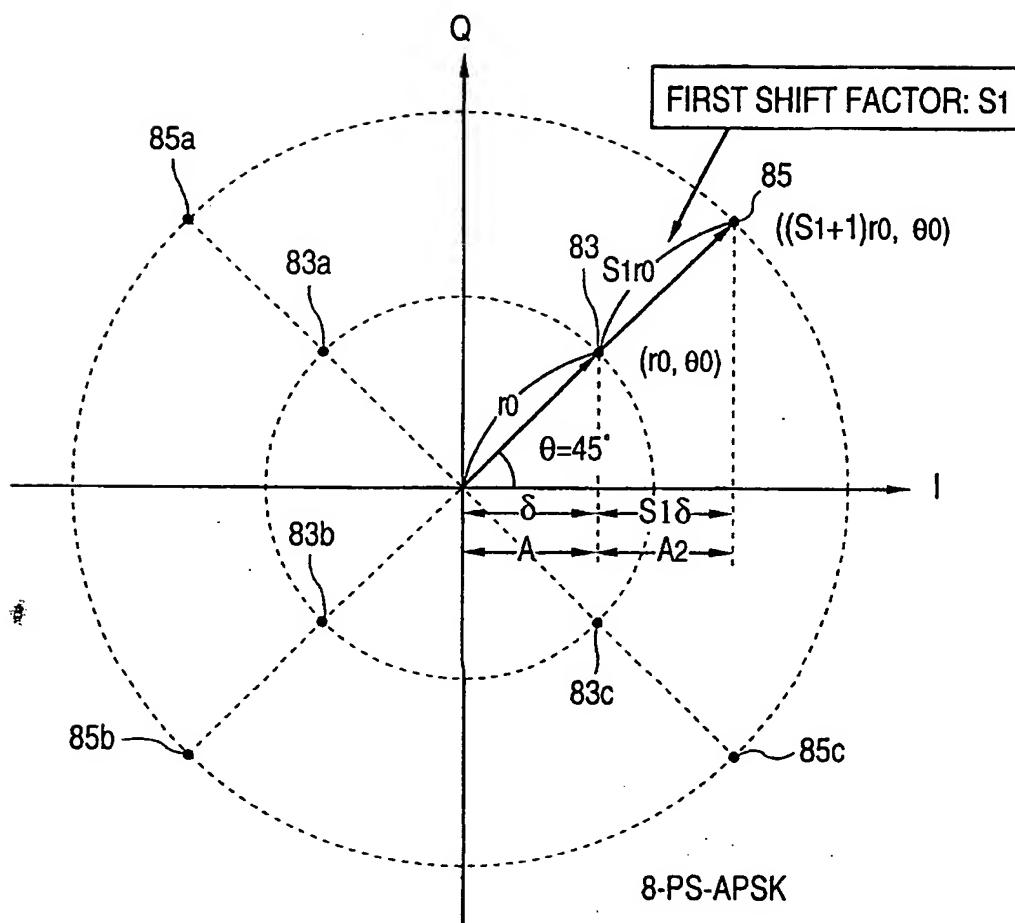
FIG. 139

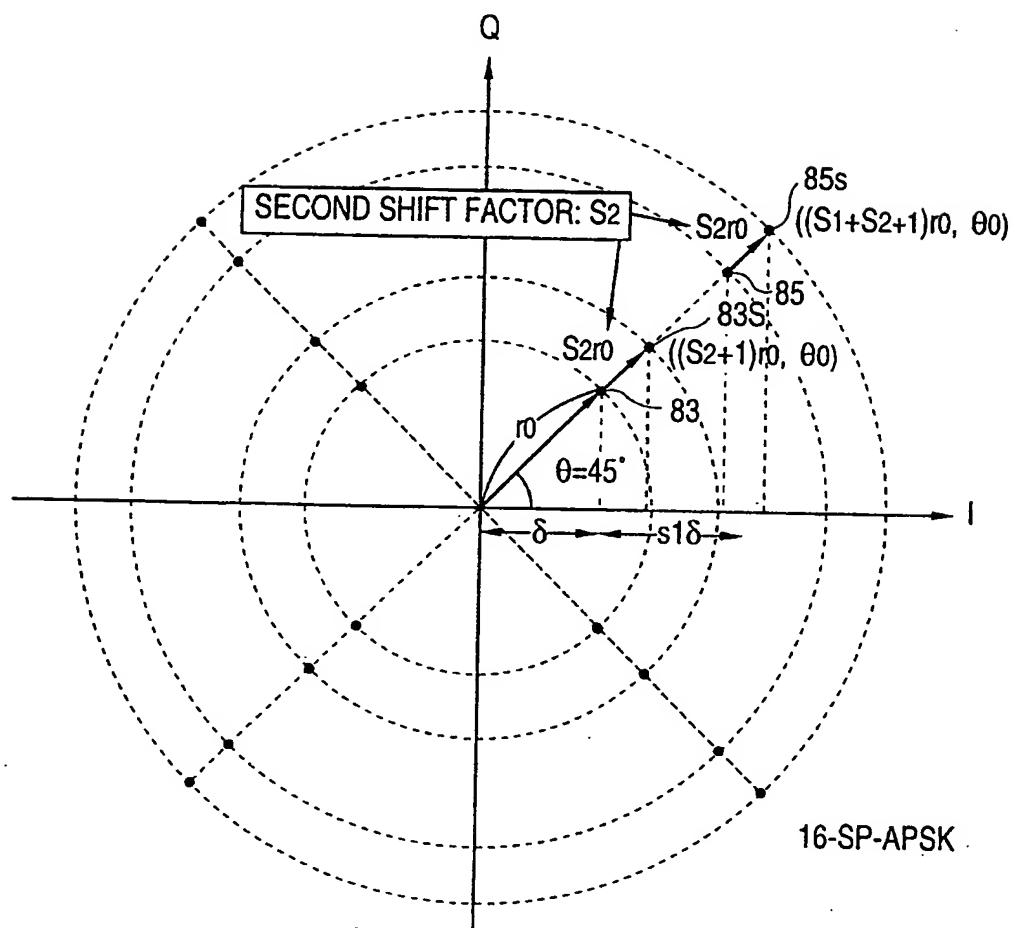
FIG. 140

FIG. 141

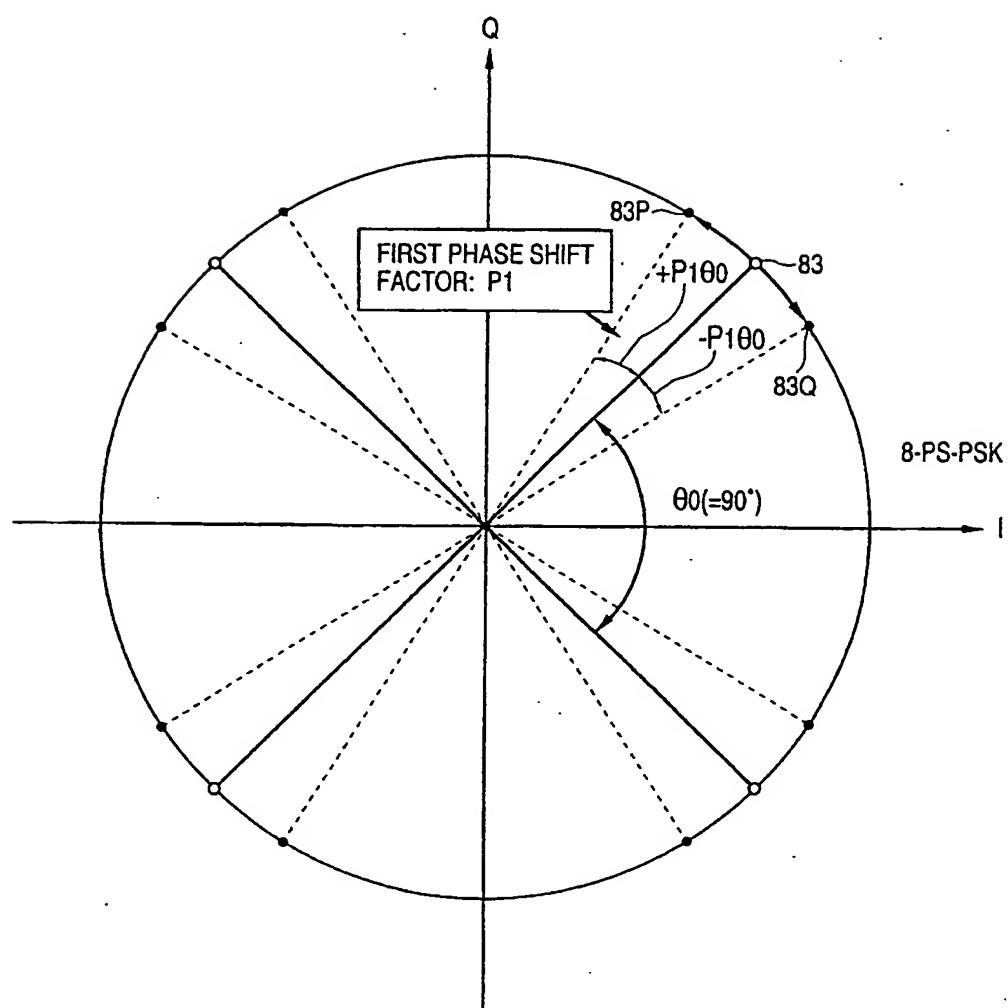


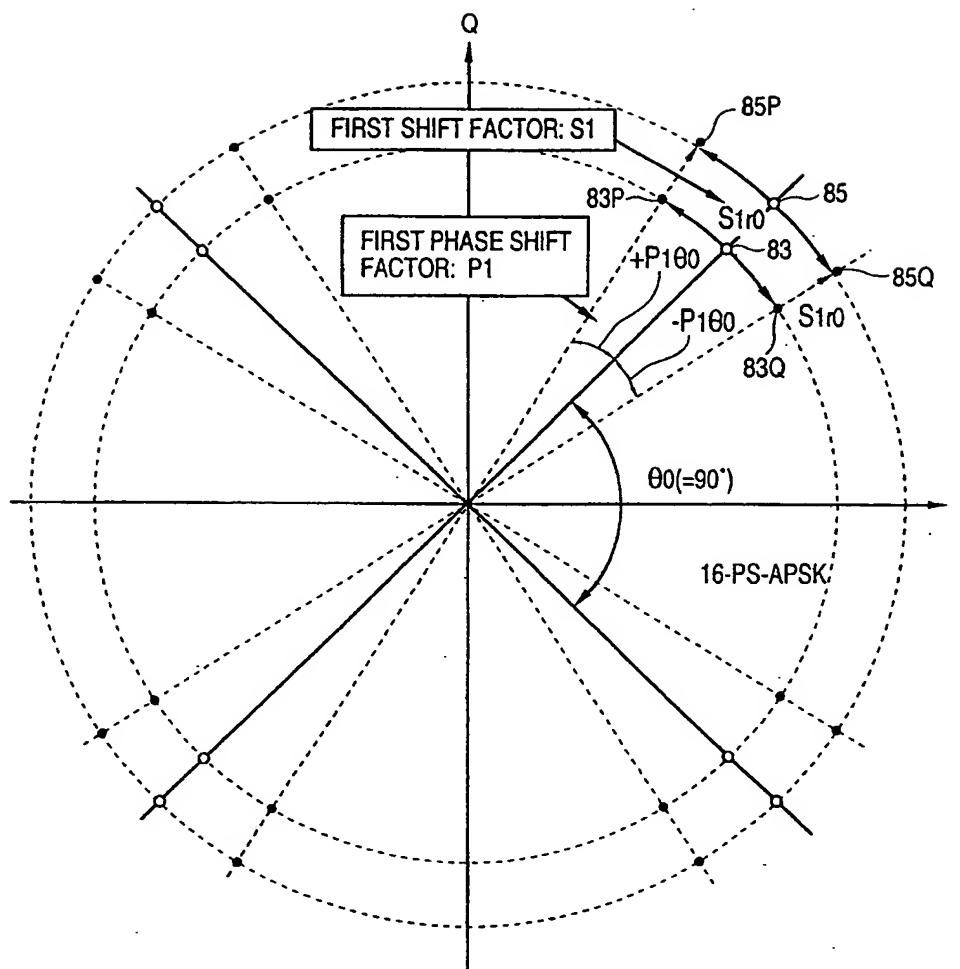
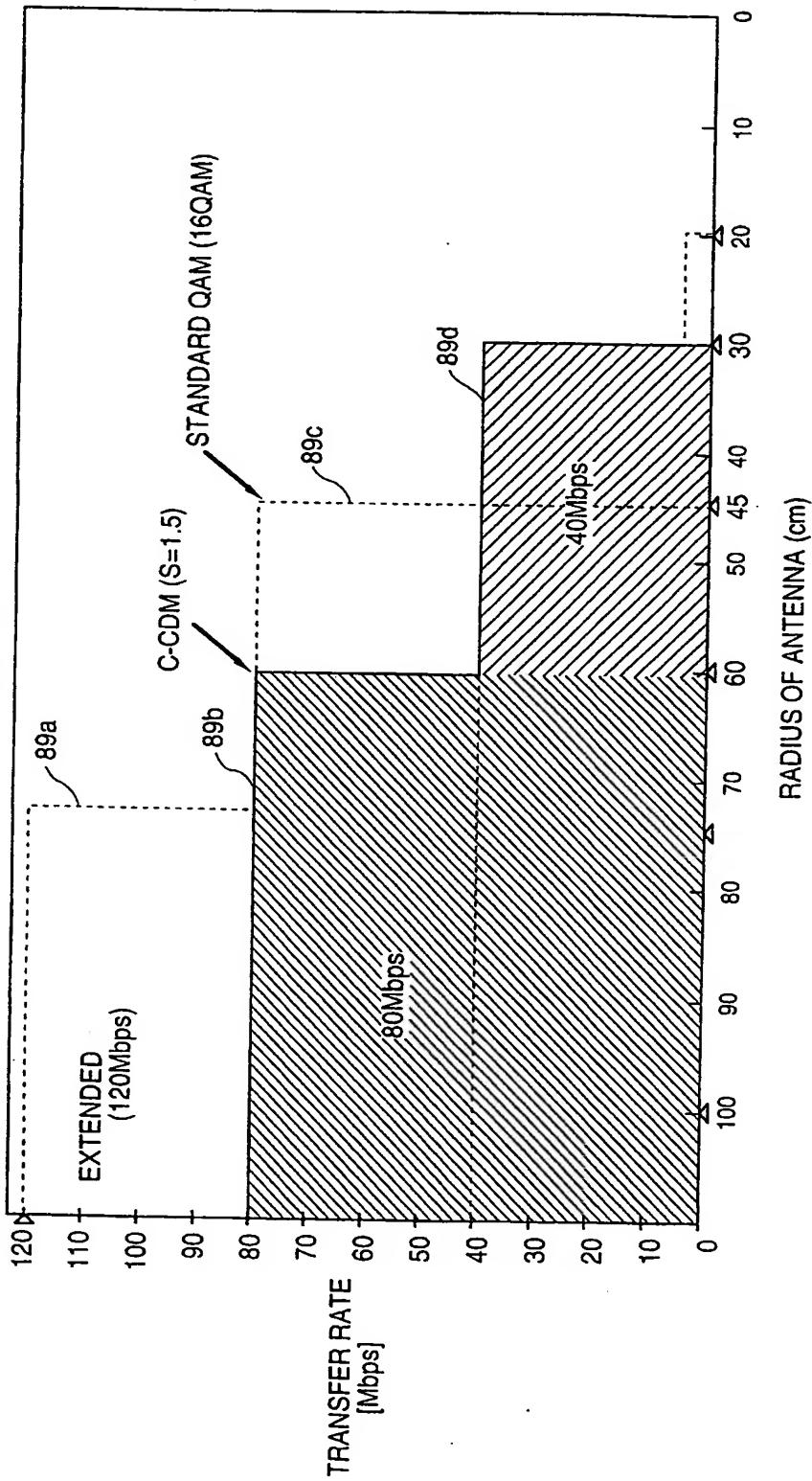
FIG. 142

FIG. 143



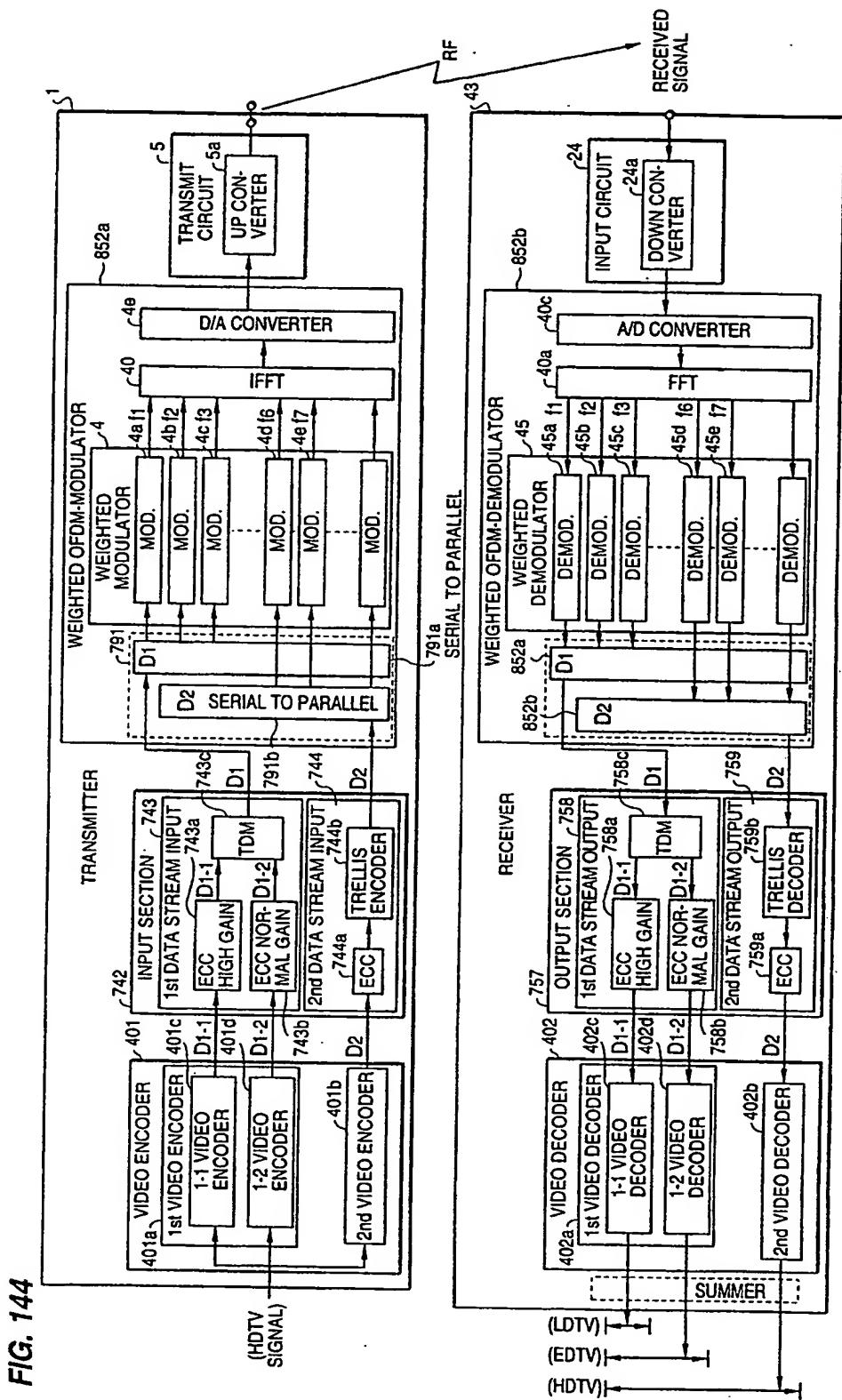


FIG. 145(a)

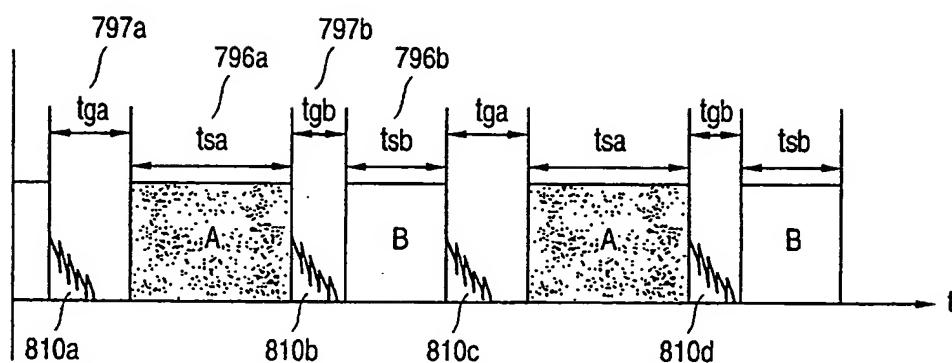
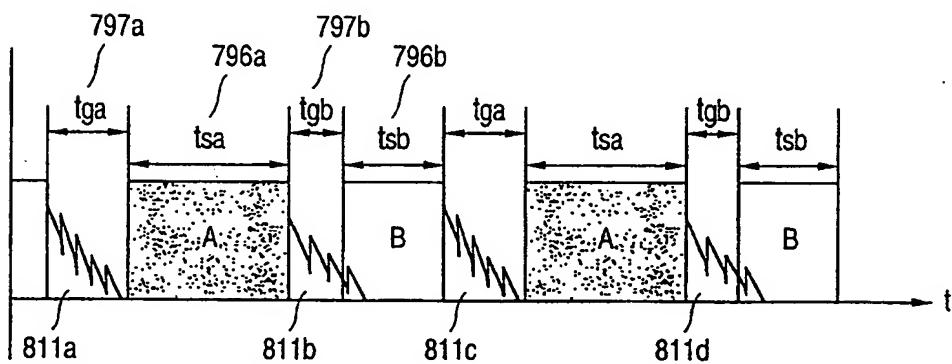


FIG. 145(b)



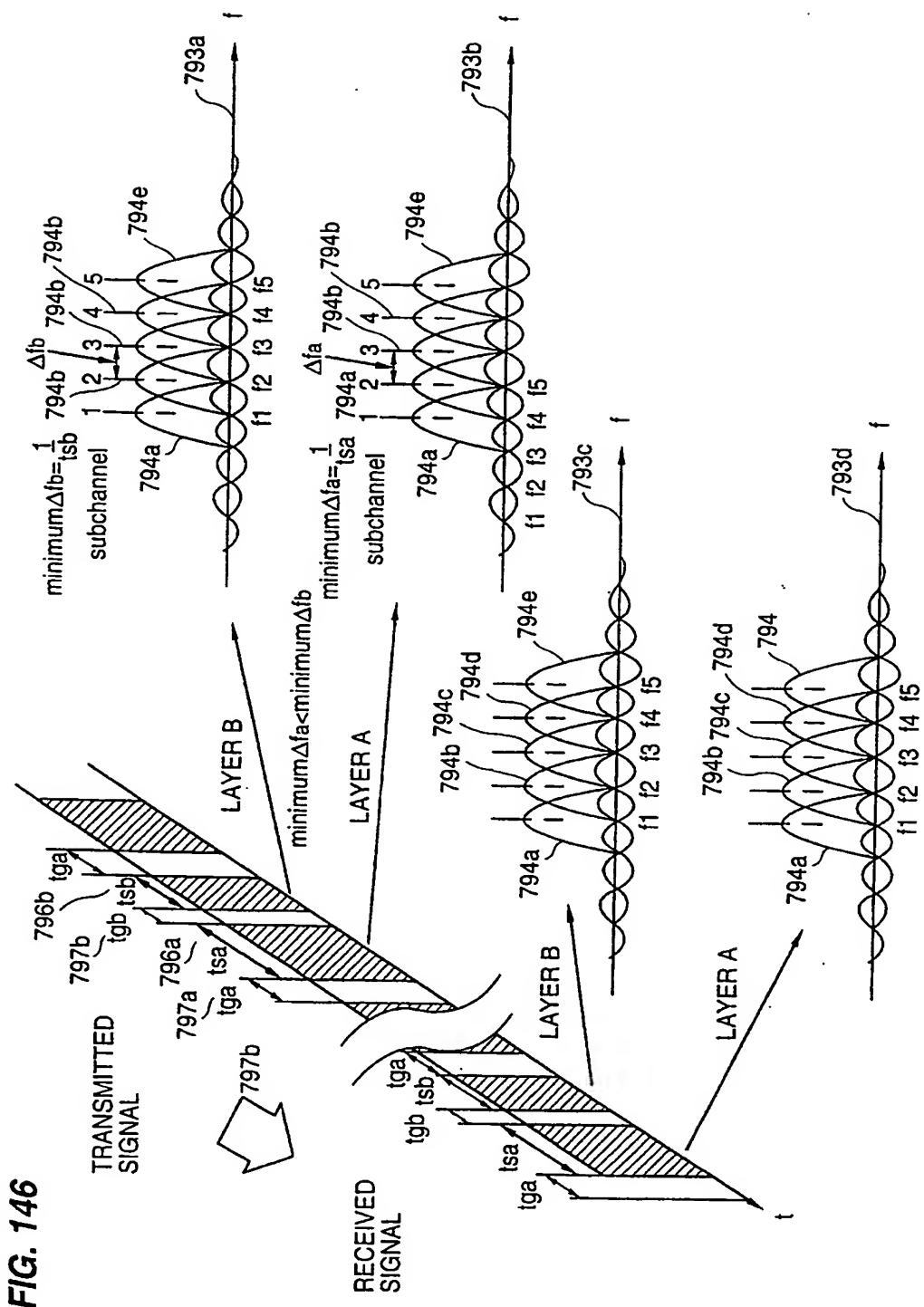


FIG. 147

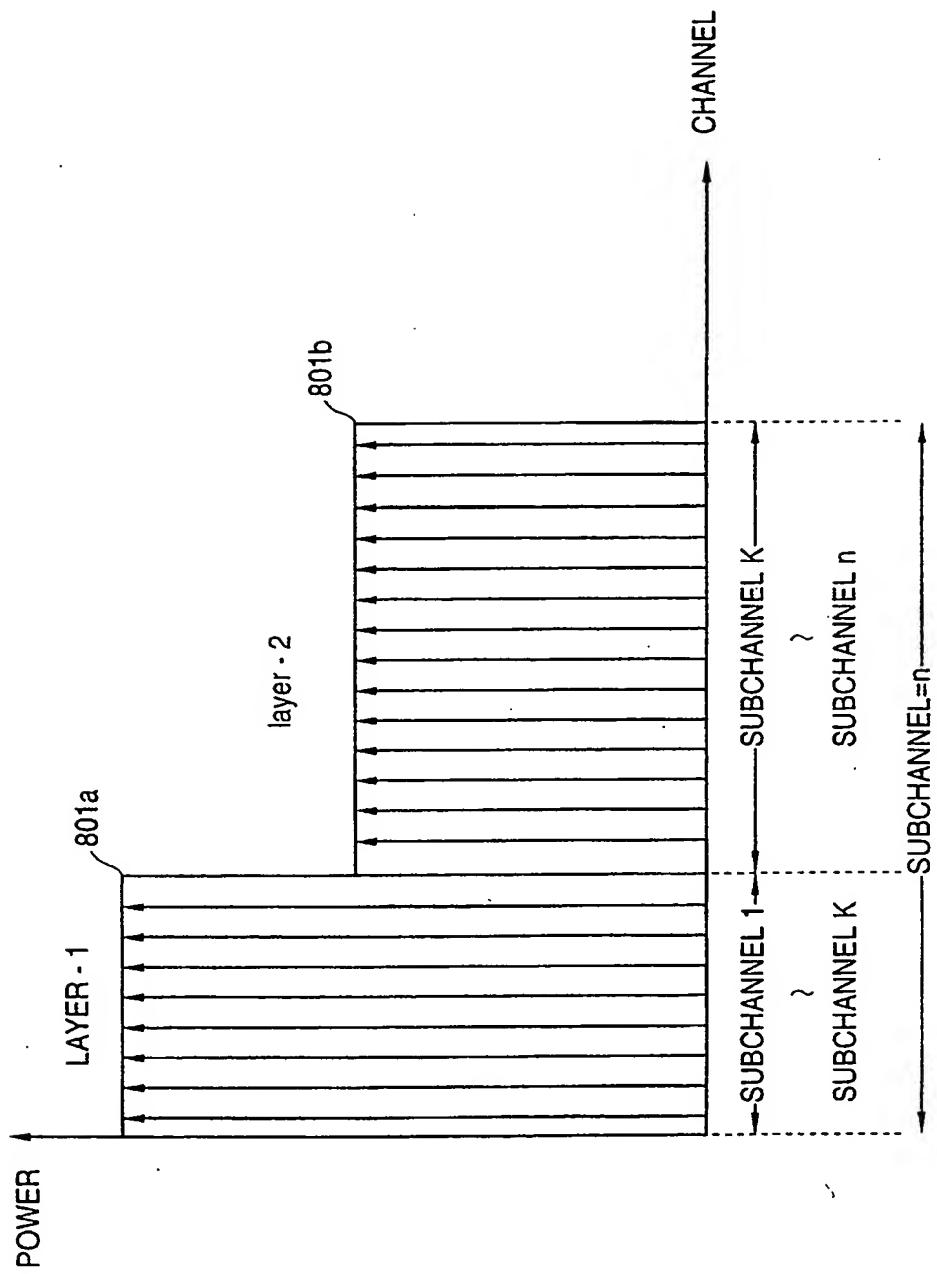
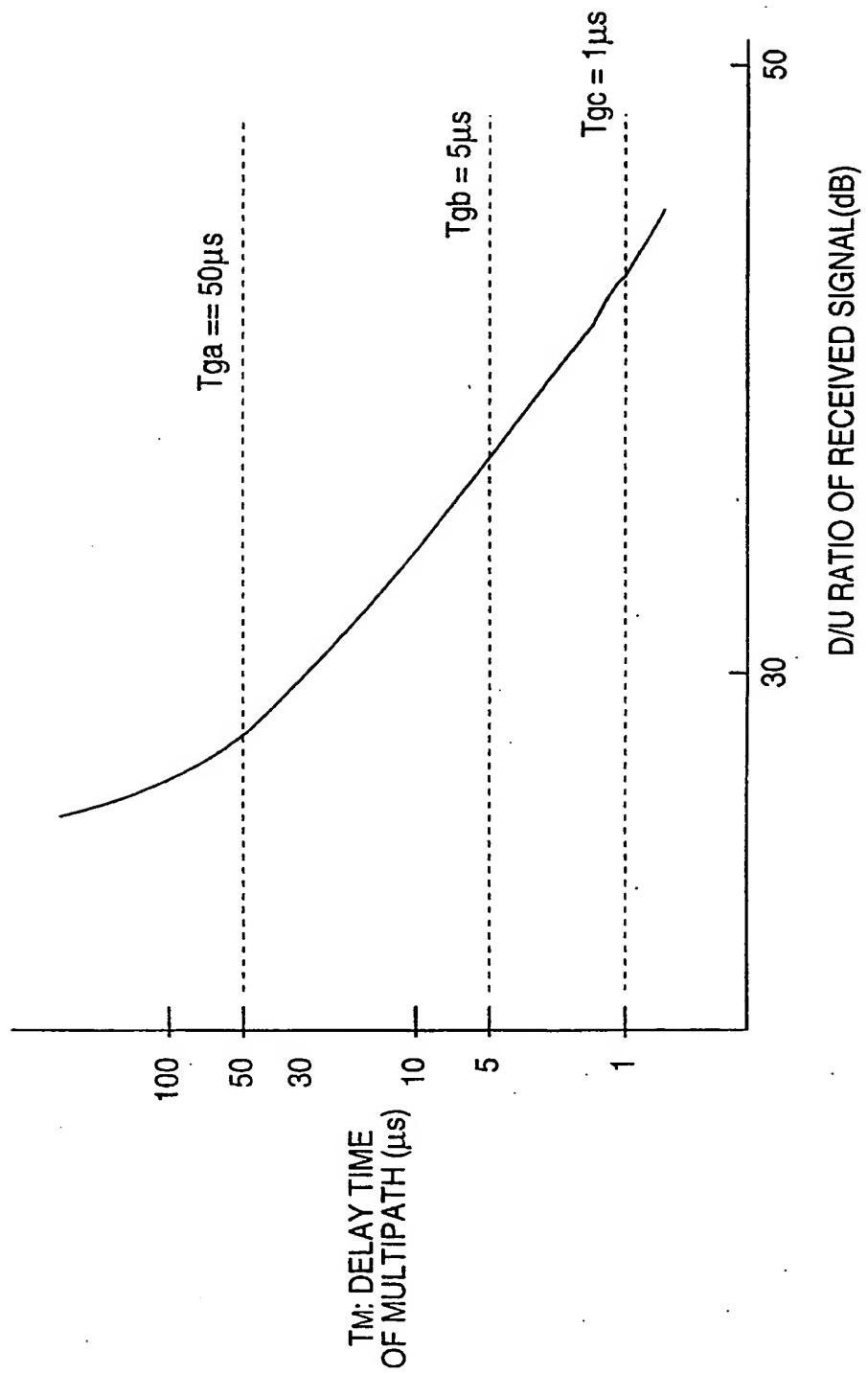


FIG. 148

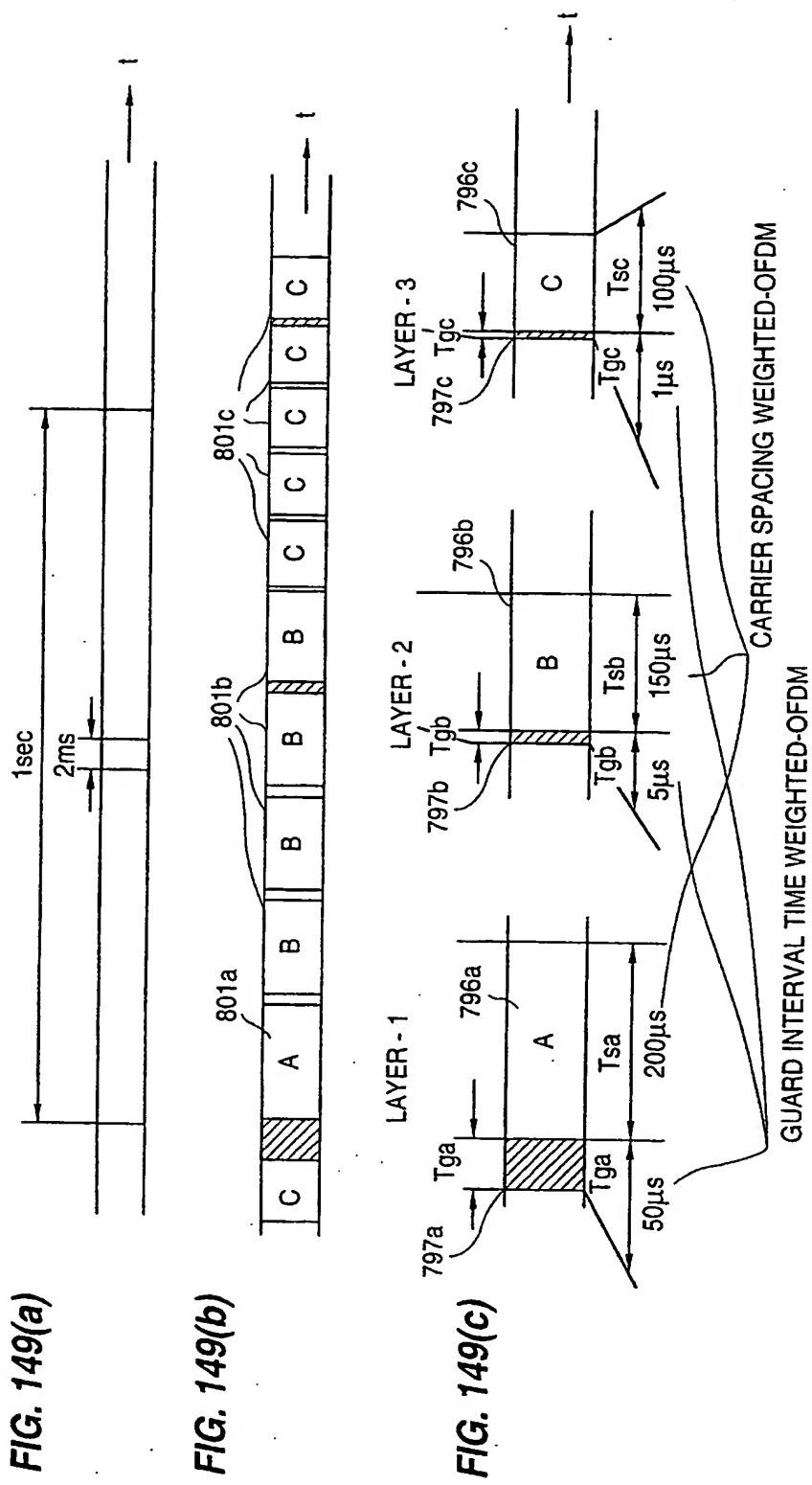


FIG. 150

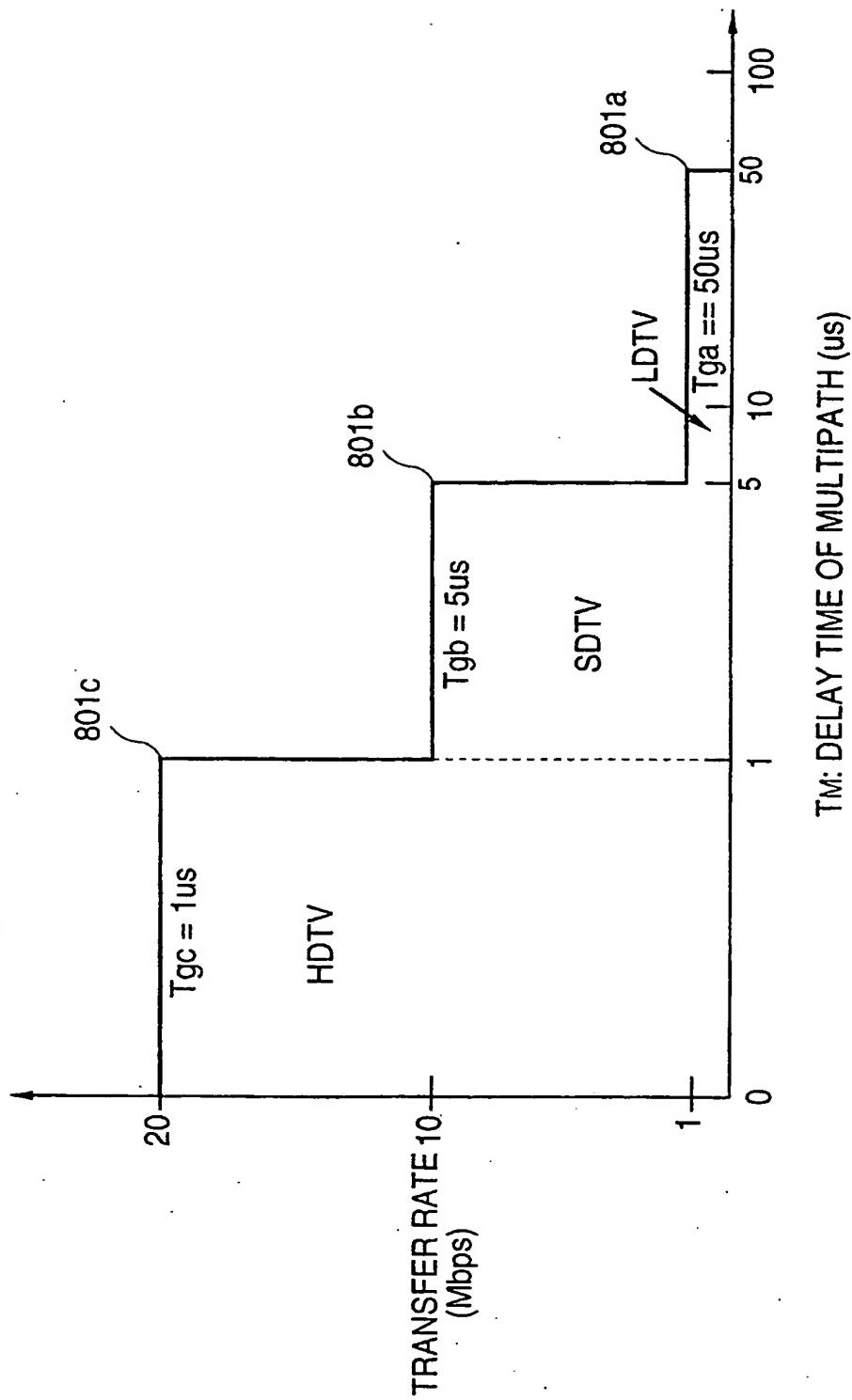


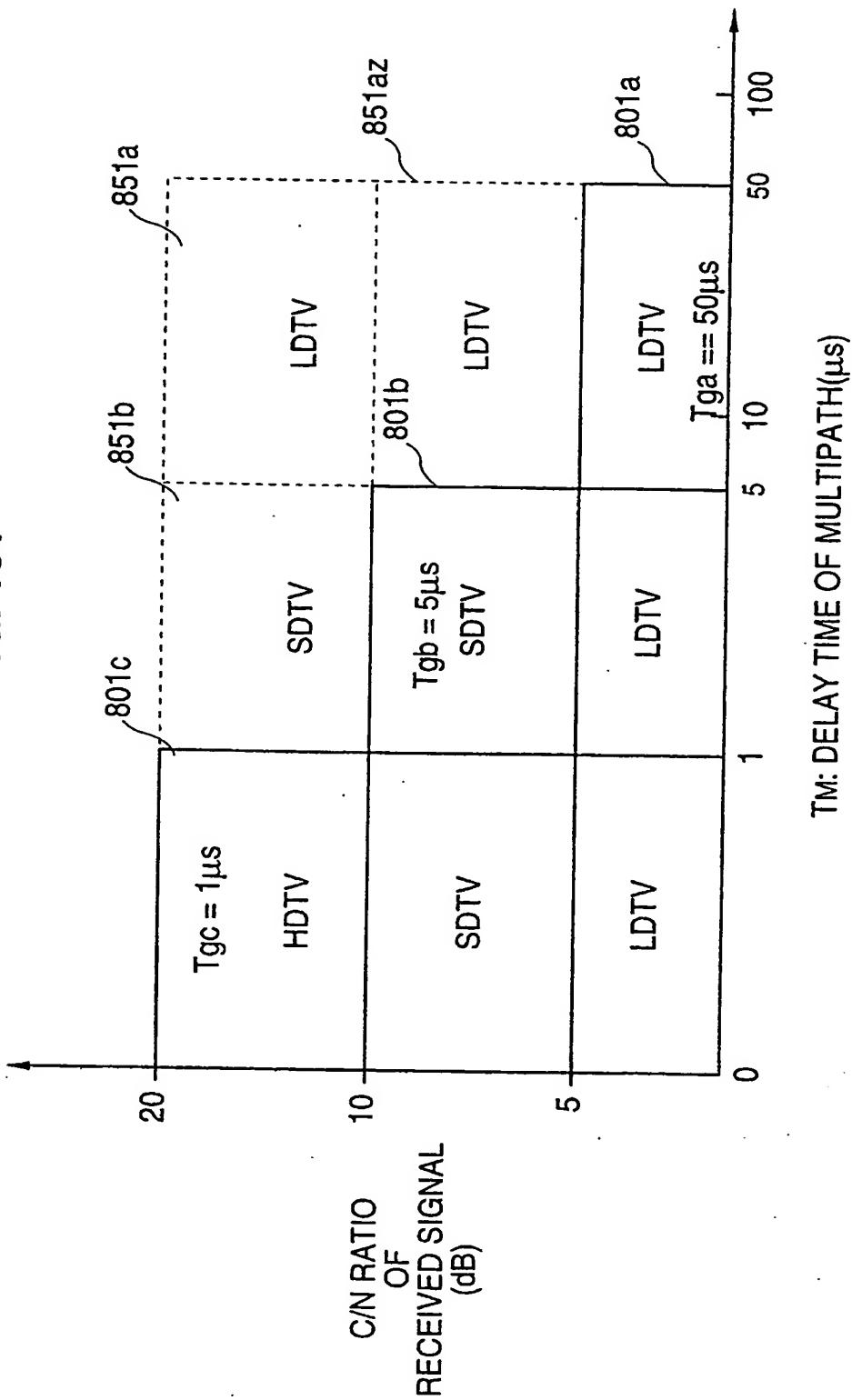
FIG. 151

FIG. 152

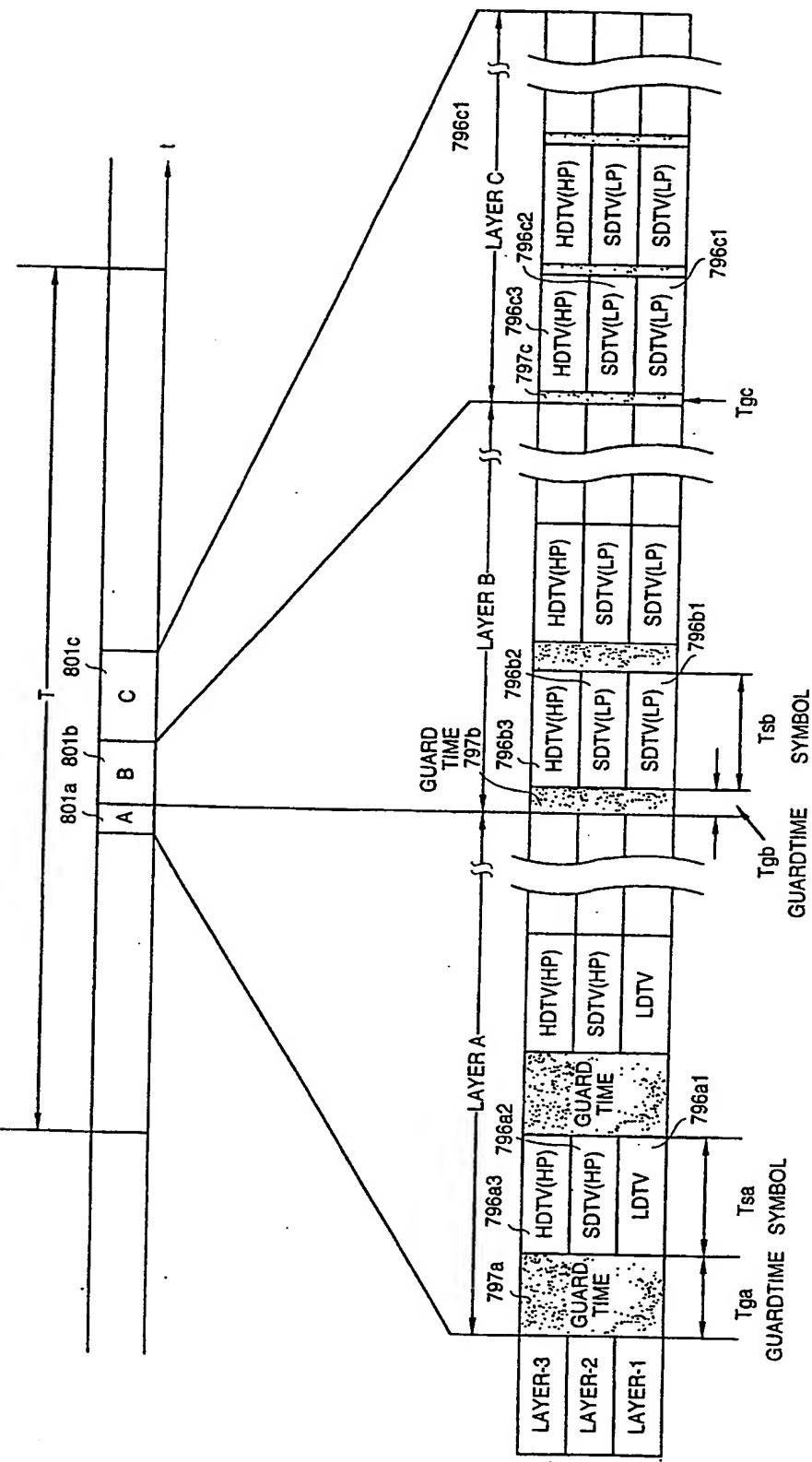


FIG. 153

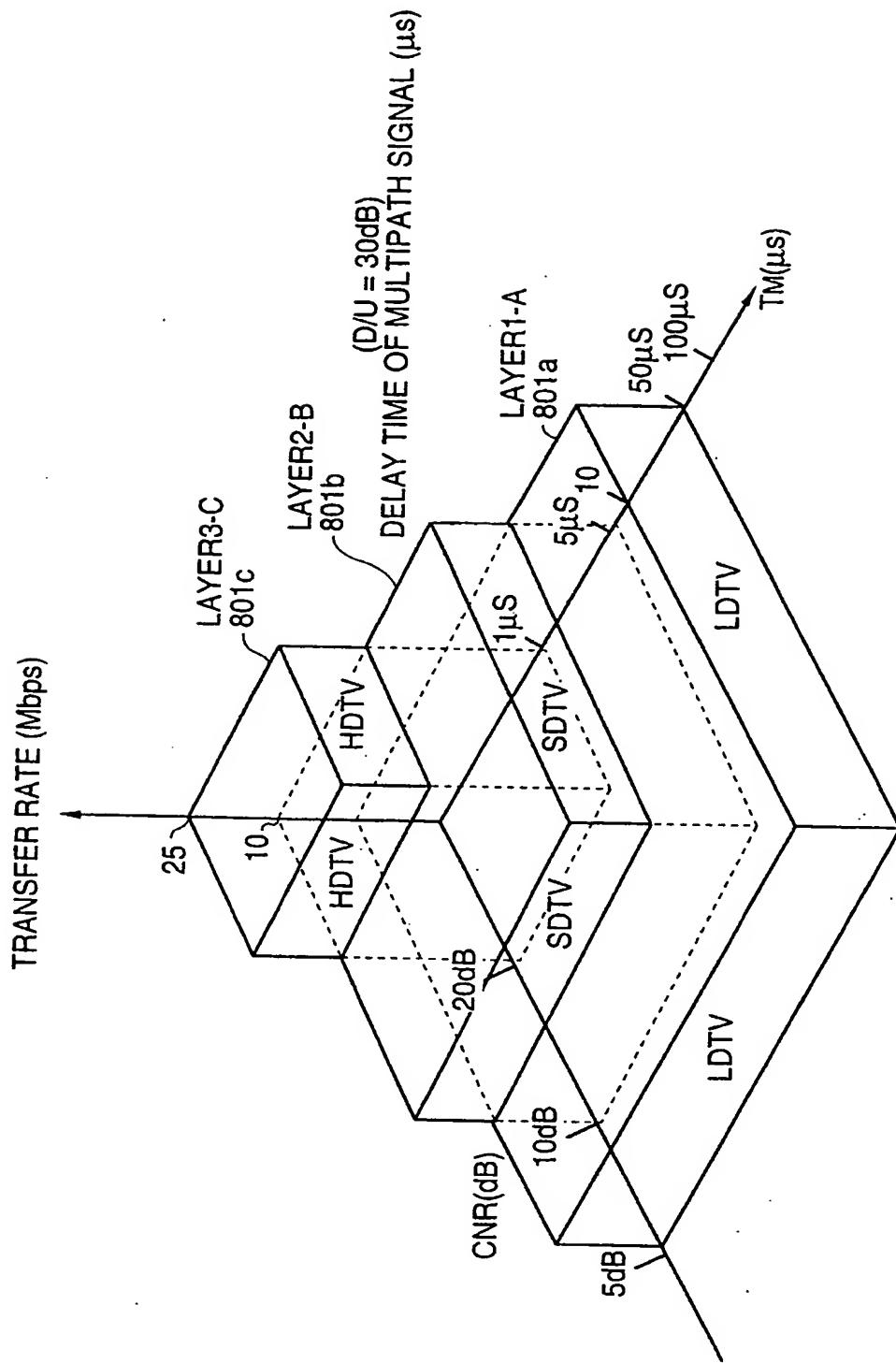


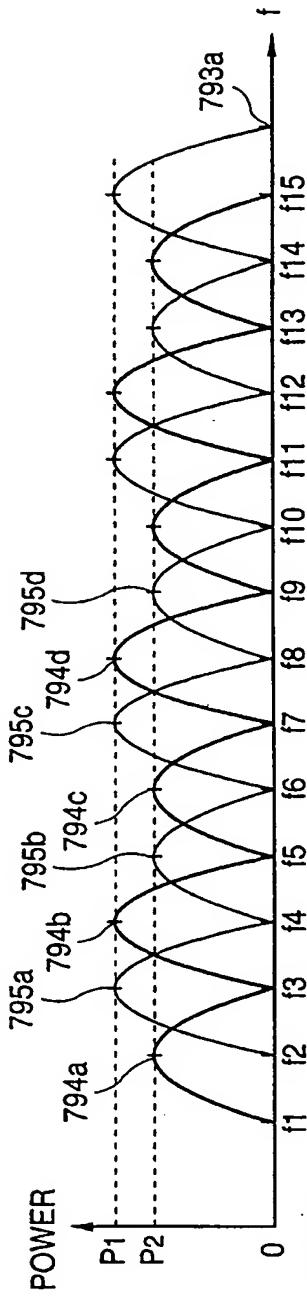
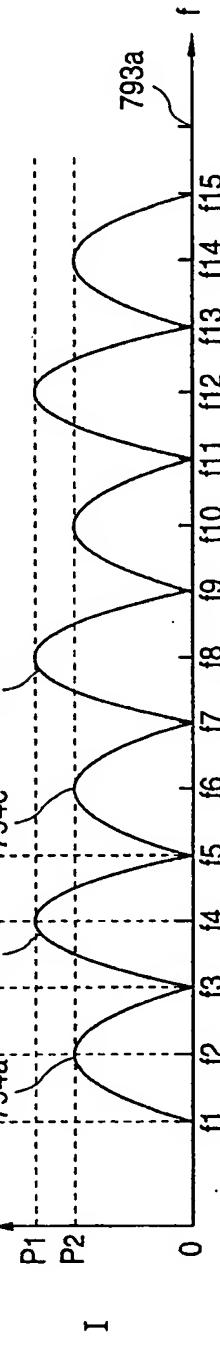
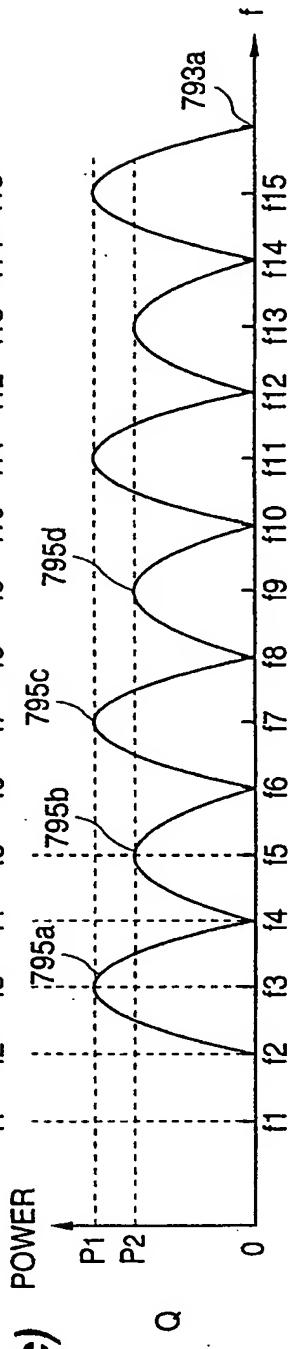
FIG. 154(a)**FIG. 154(b)****FIG. 154(c)**

FIG. 155

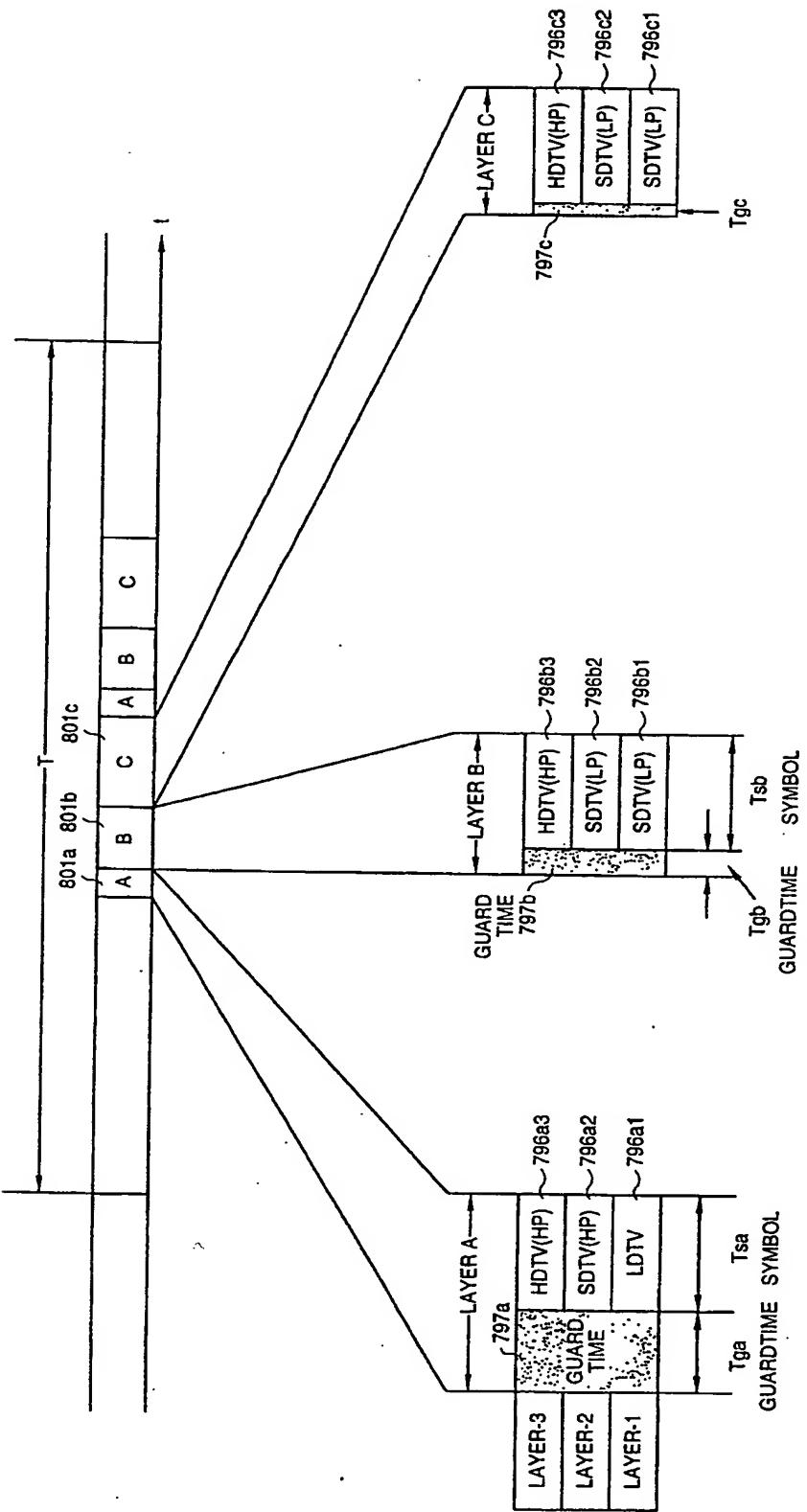


FIG. 156

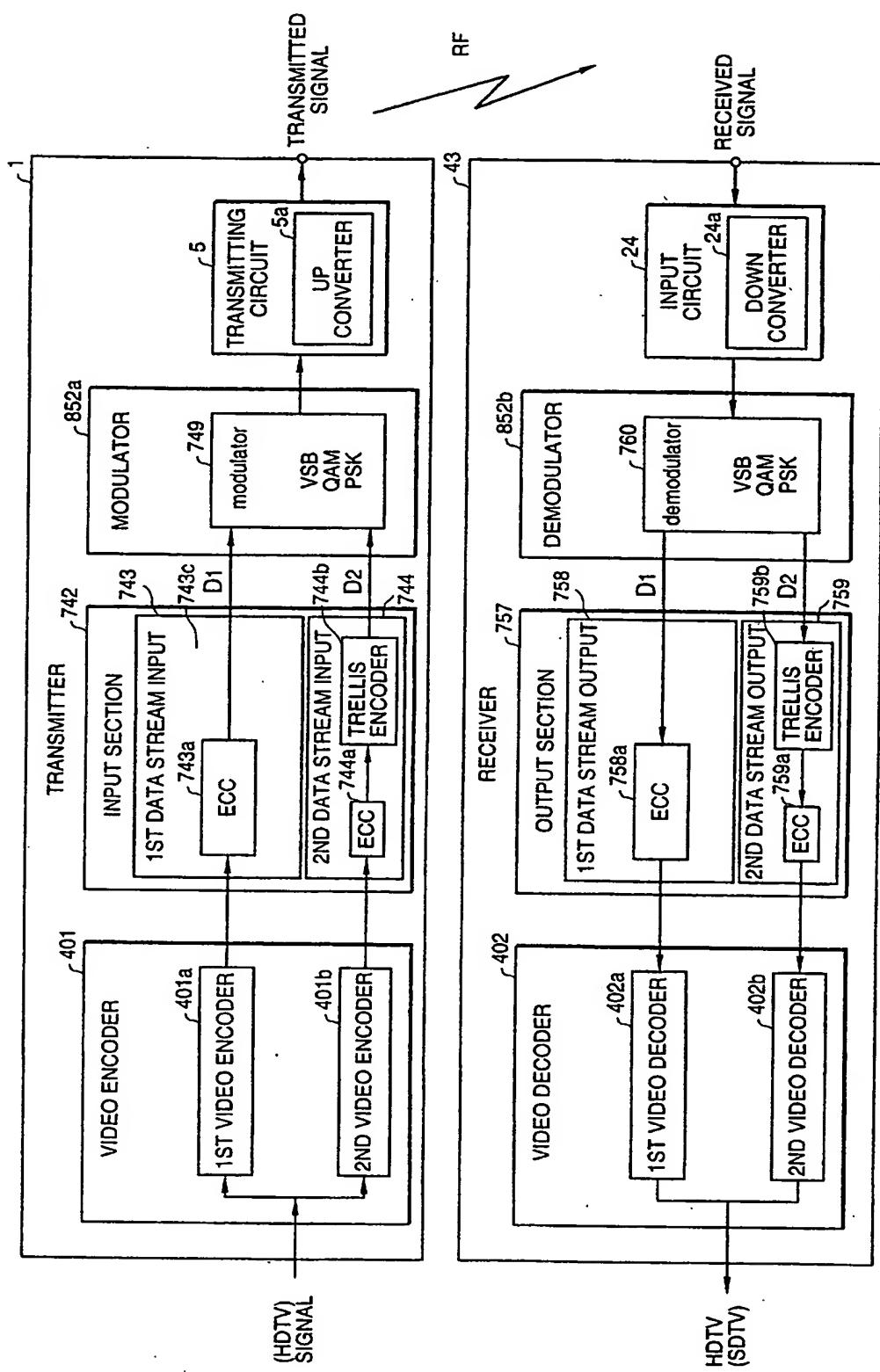


FIG. 157

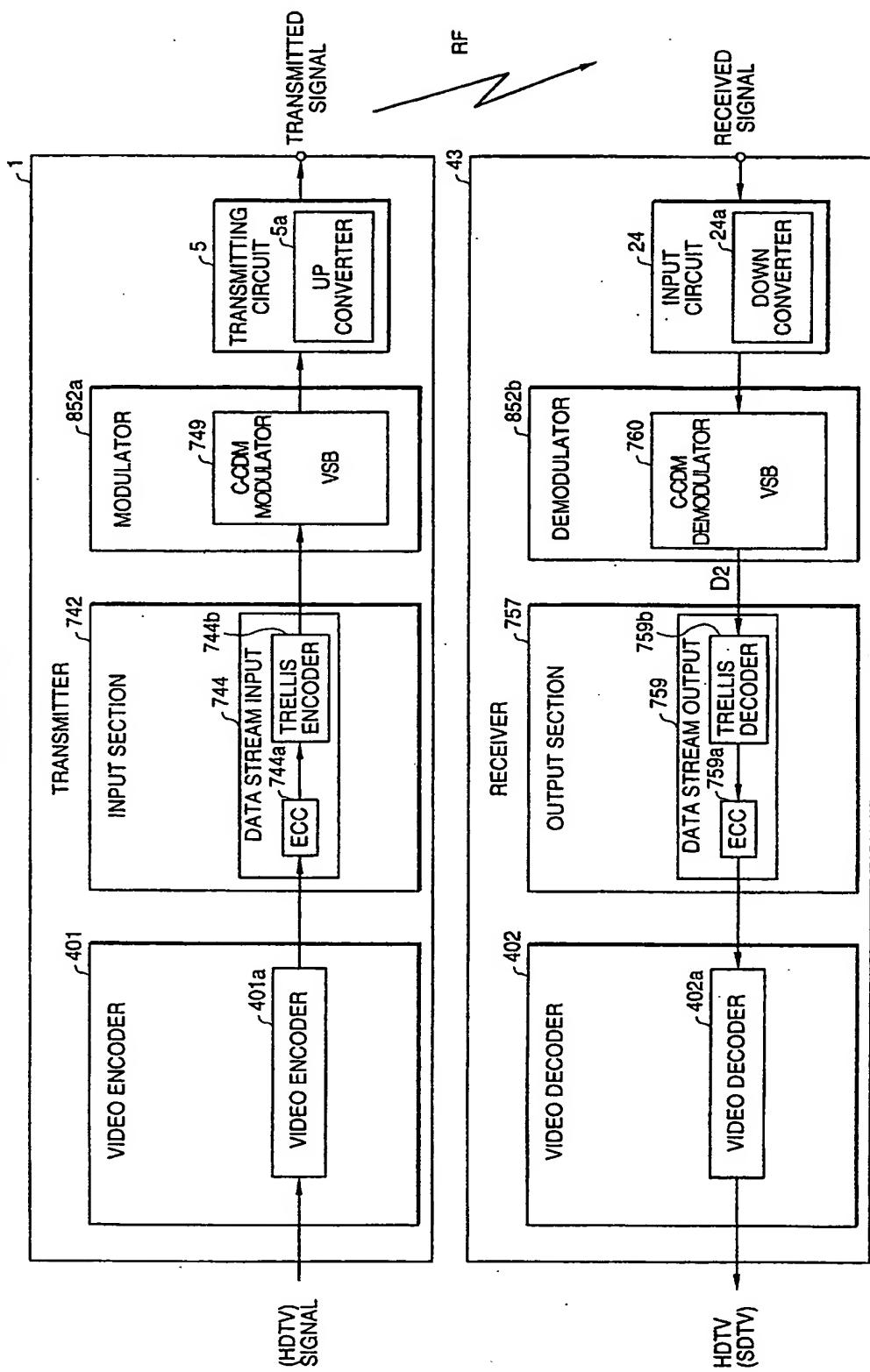
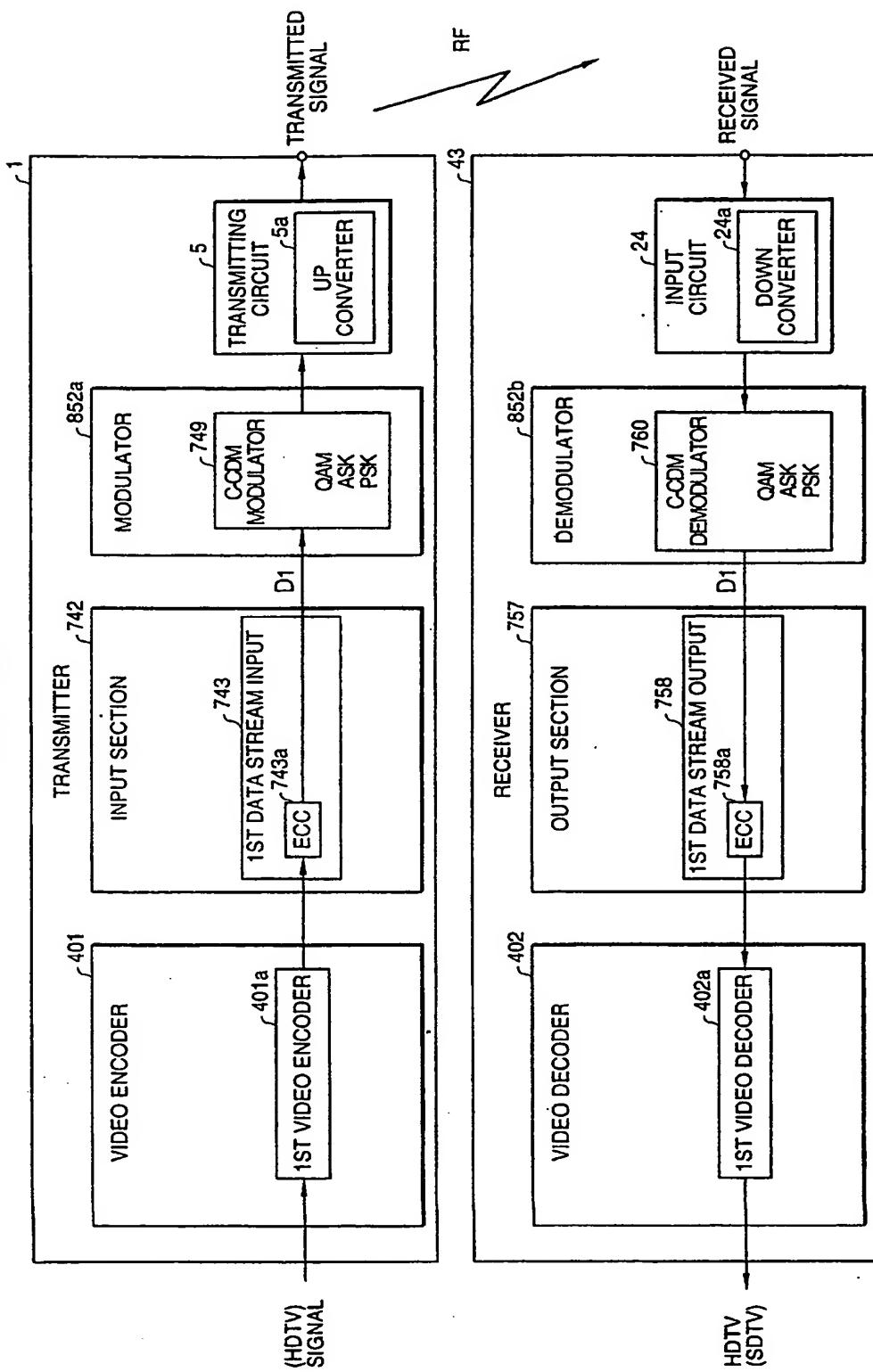
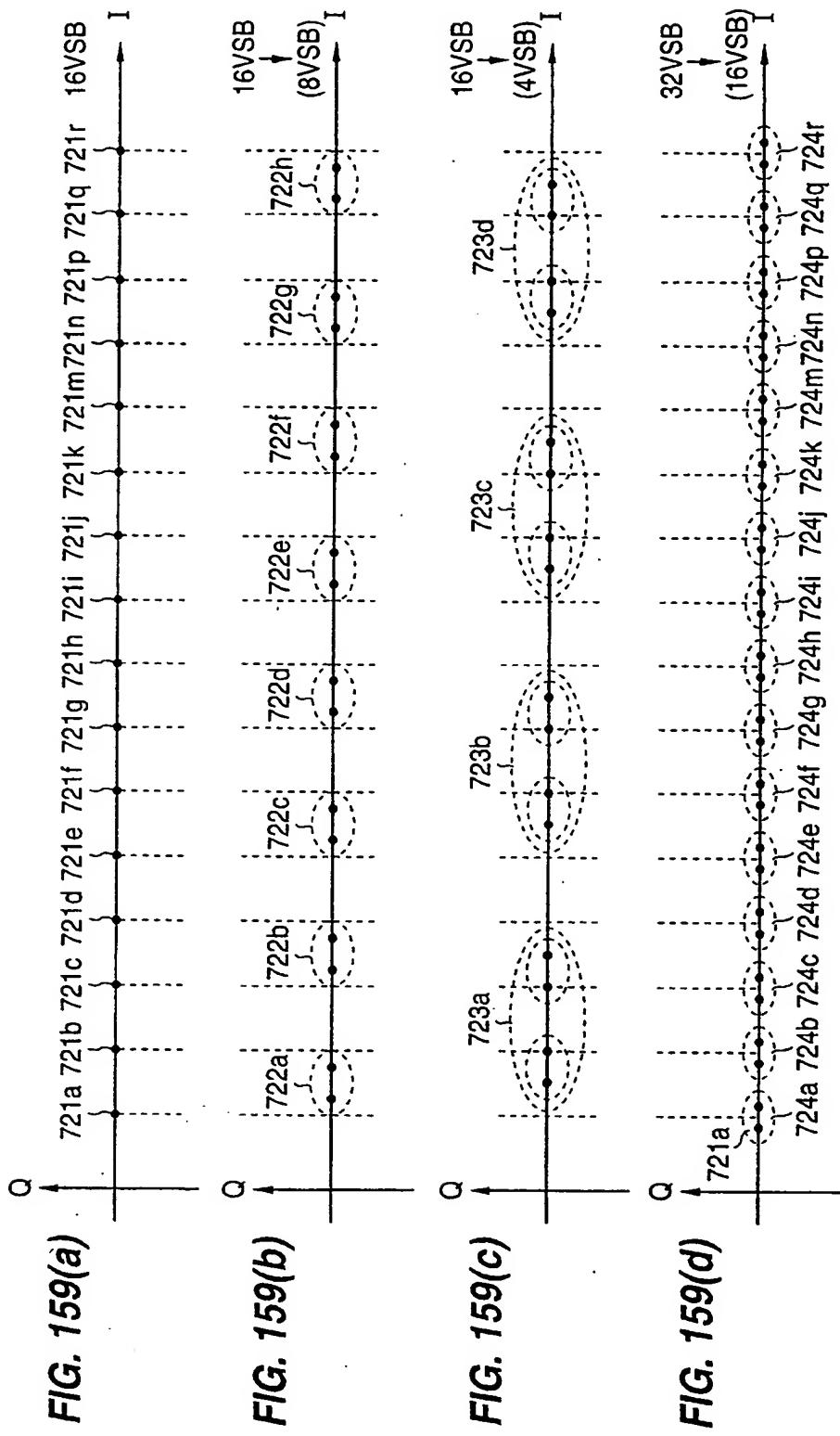


FIG. 158





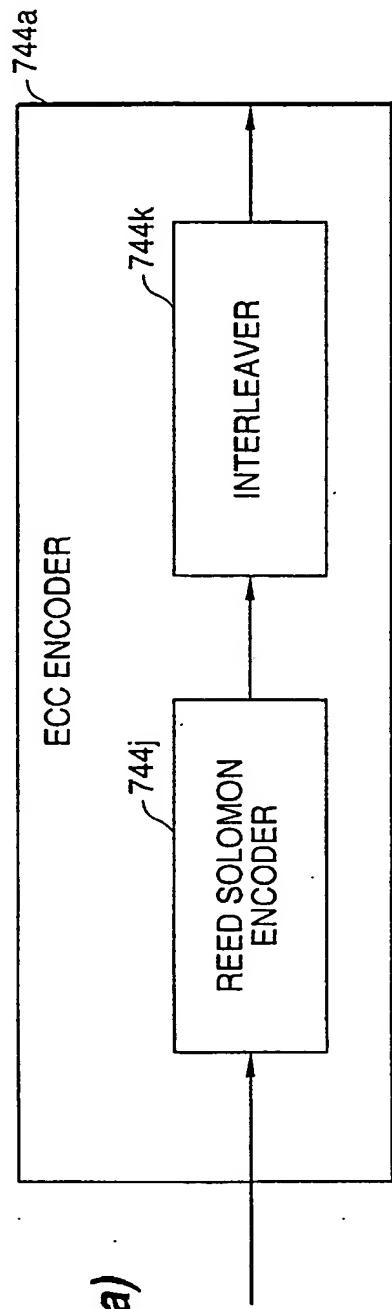


FIG. 160(a)

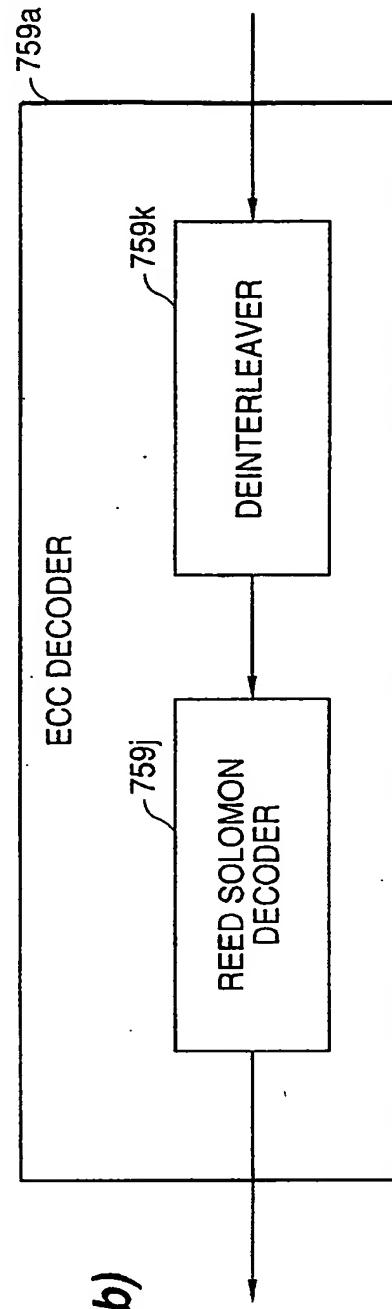


FIG. 160(b)

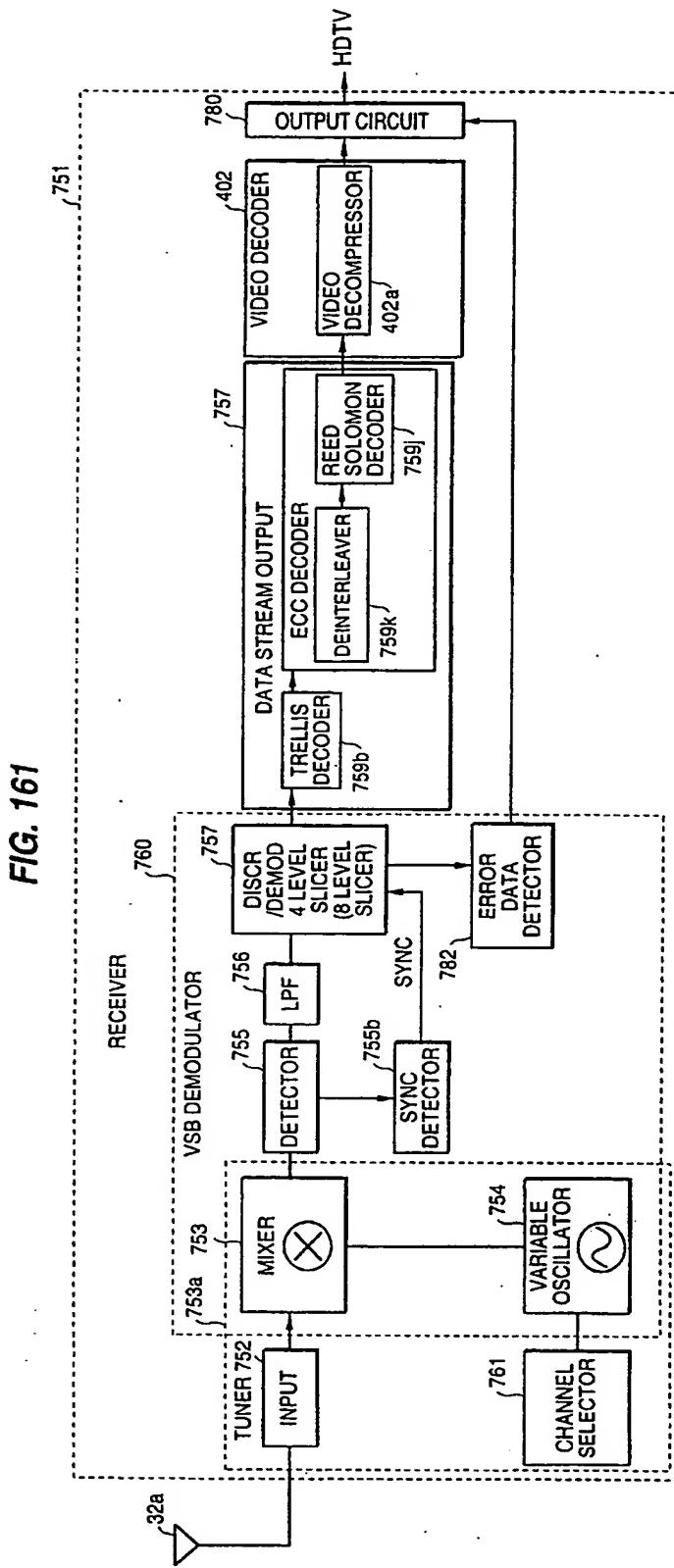


FIG. 162

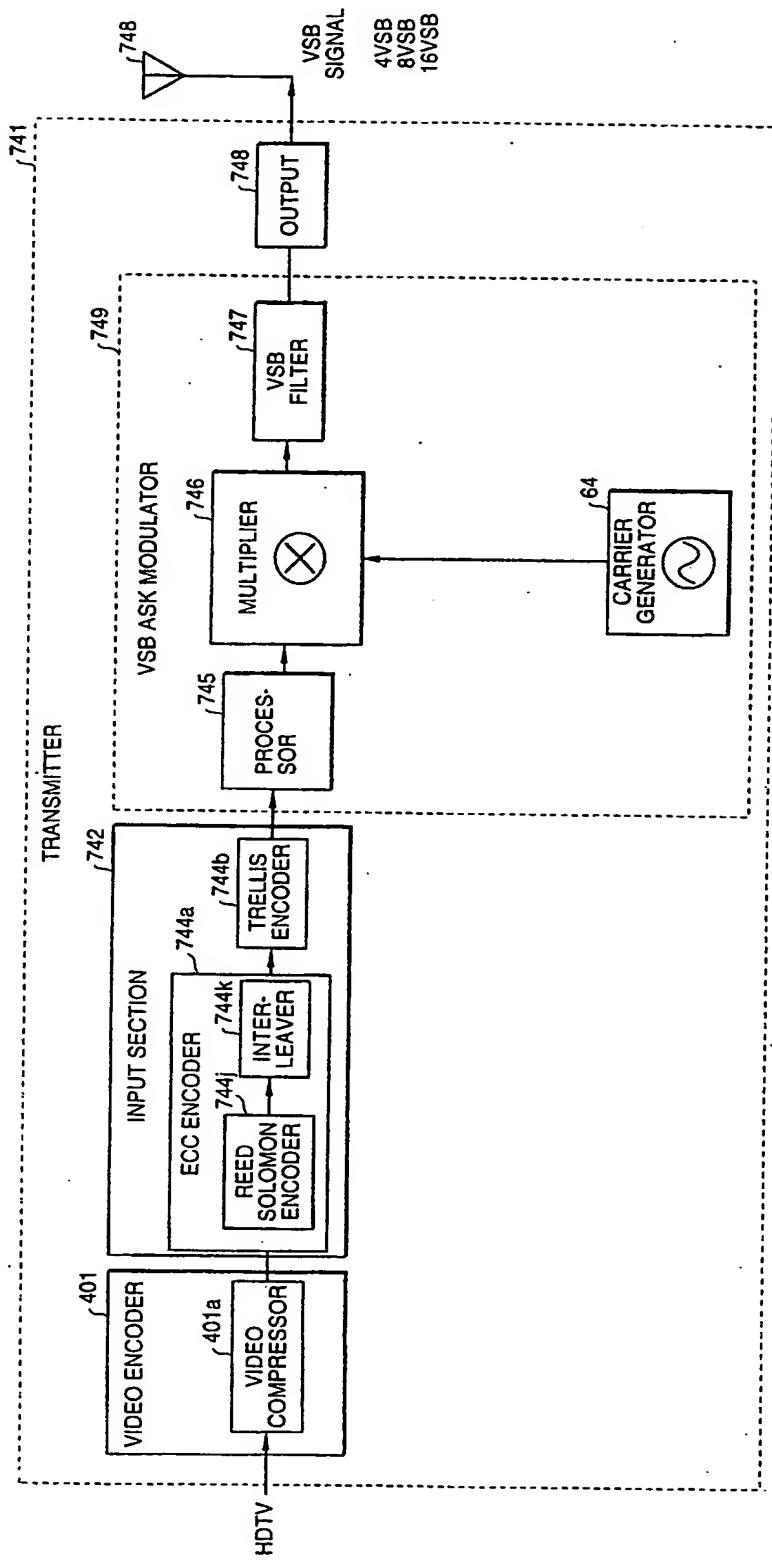


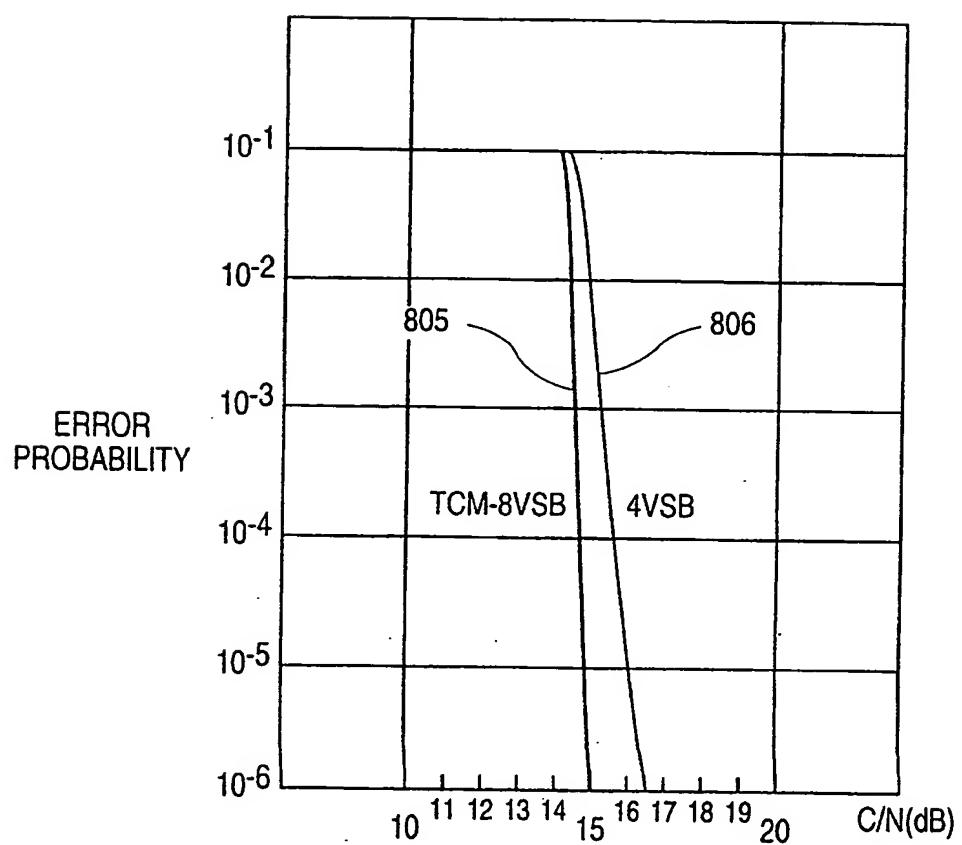
FIG. 163

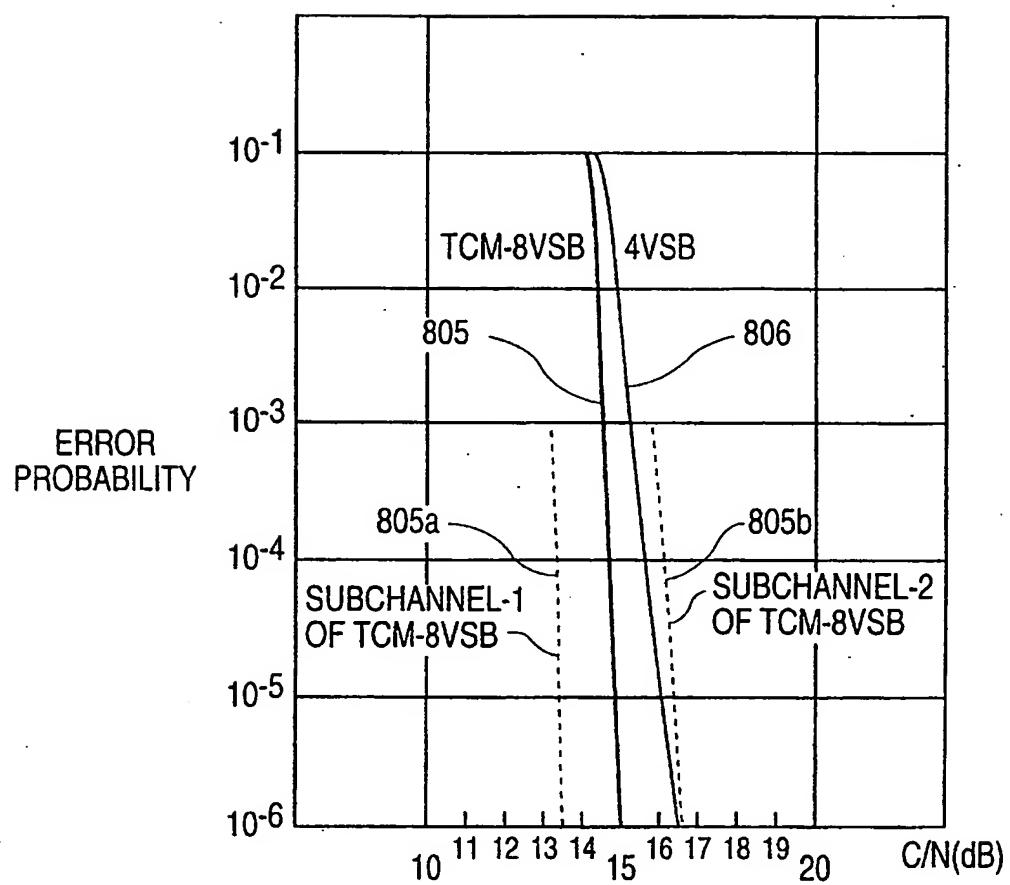
FIG. 164

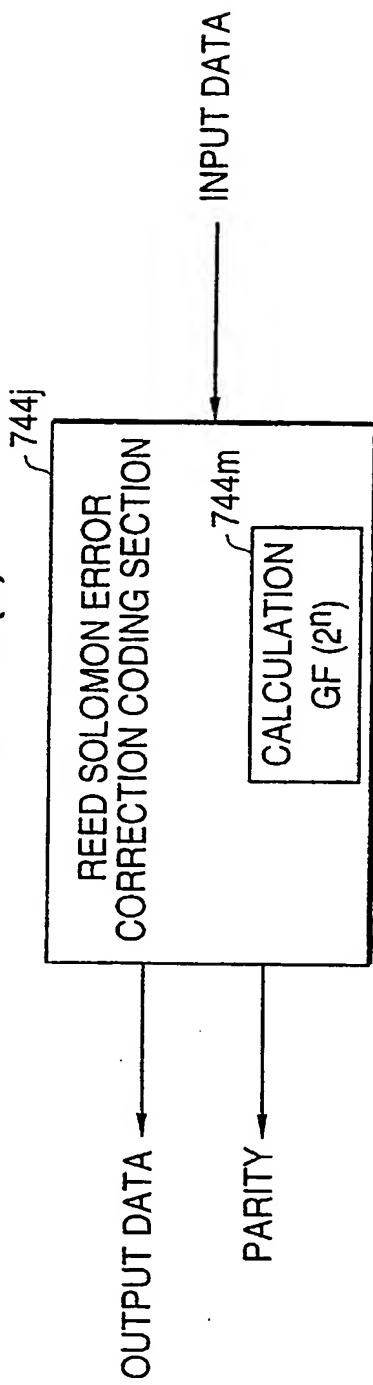
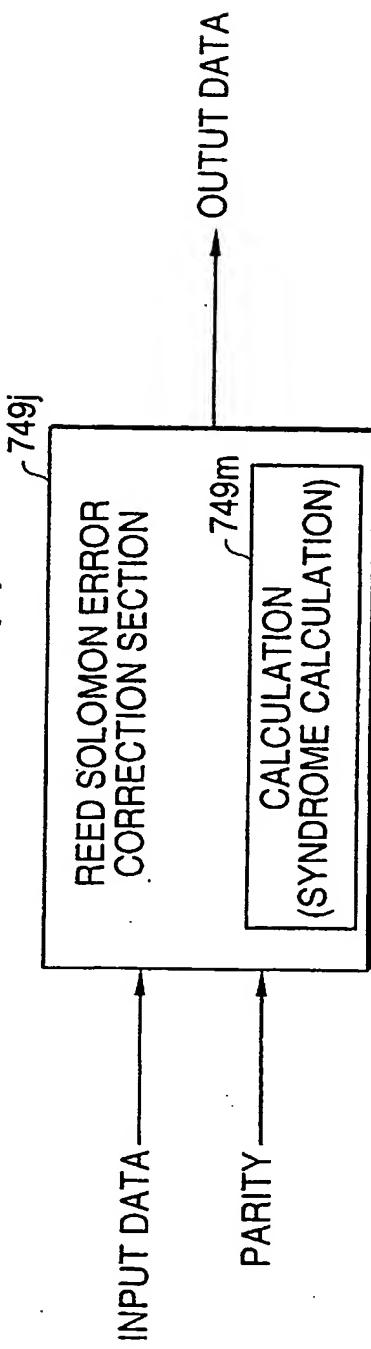
FIG. 165(a)**FIG. 165(b)**

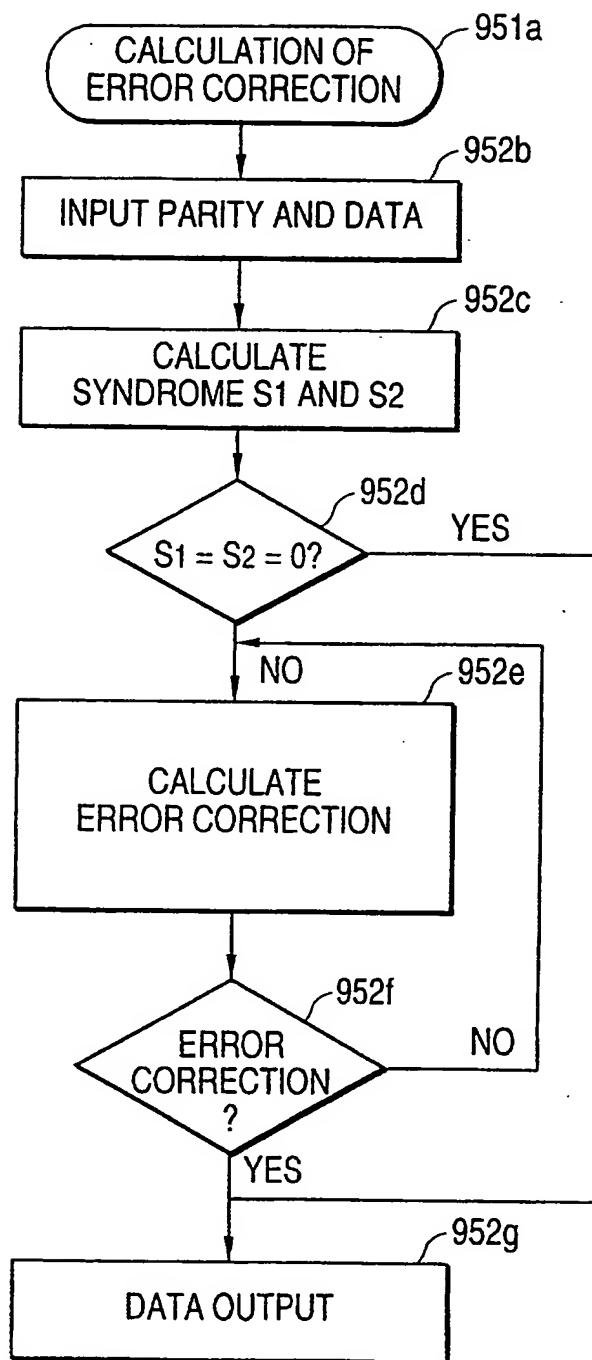
FIG. 166

FIG. 167

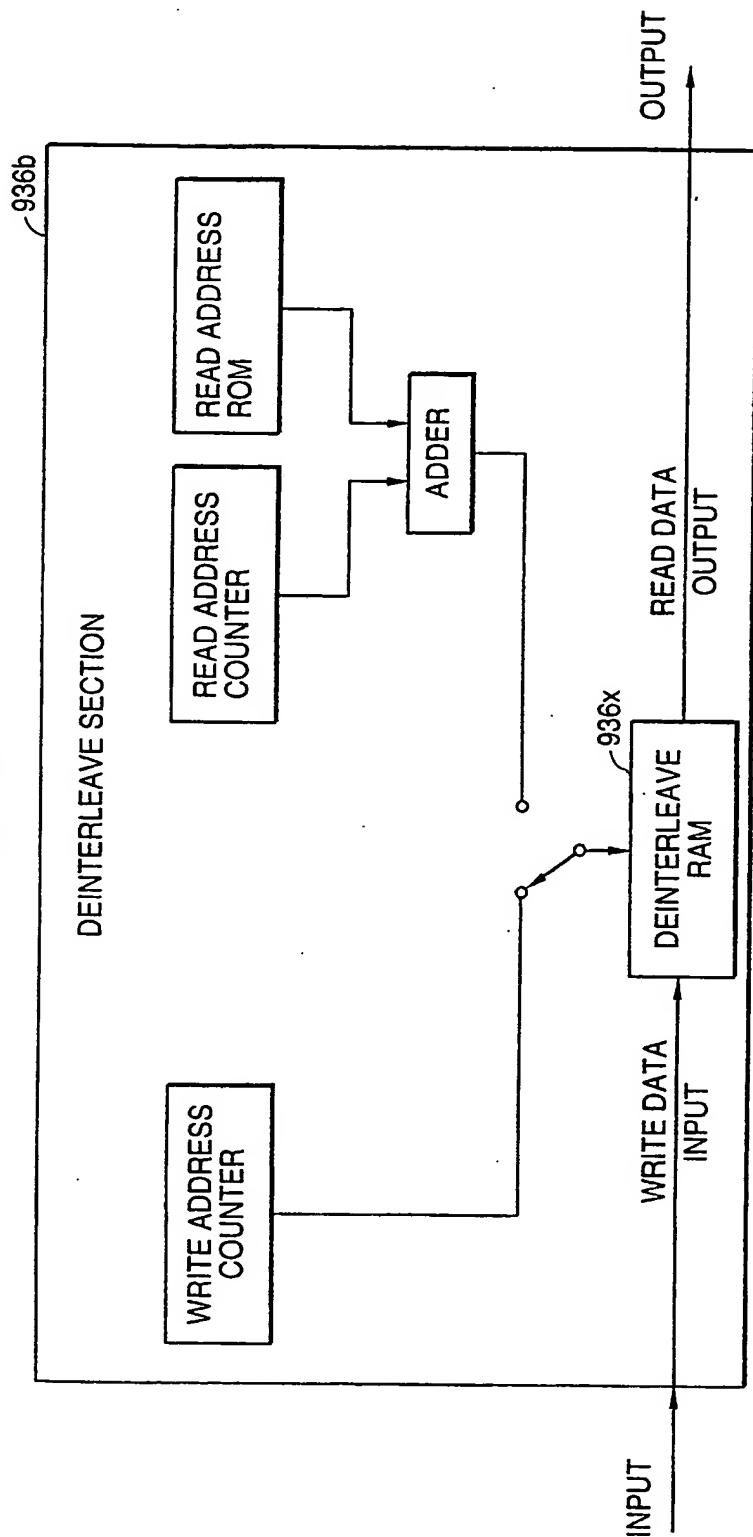


FIG. 168(a)

1	2	3	4	5	6	7
DATA						
1	A ₁	A ₂	A ₃	A ₄	A ₅	A ₆
2	B ₁	B ₂	B ₃	B ₄		
3	C ₁					
4	D ₁					
5	E ₁					
6	F ₁					
C ₁ PARITY	PARTY	PARTY	PARTY	PARTY	PARTY	PARTY

951b 954 951a

953

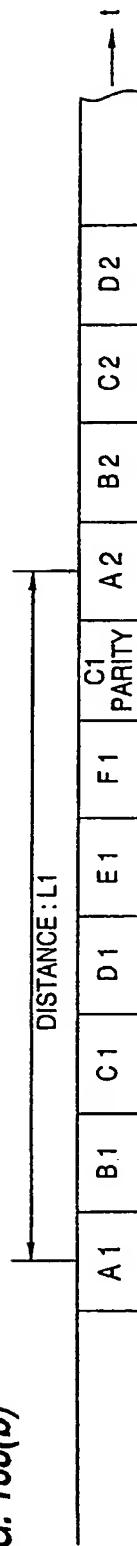
FIG. 168(b)

FIG. 169

COMPARISON OF REDUNDANCY

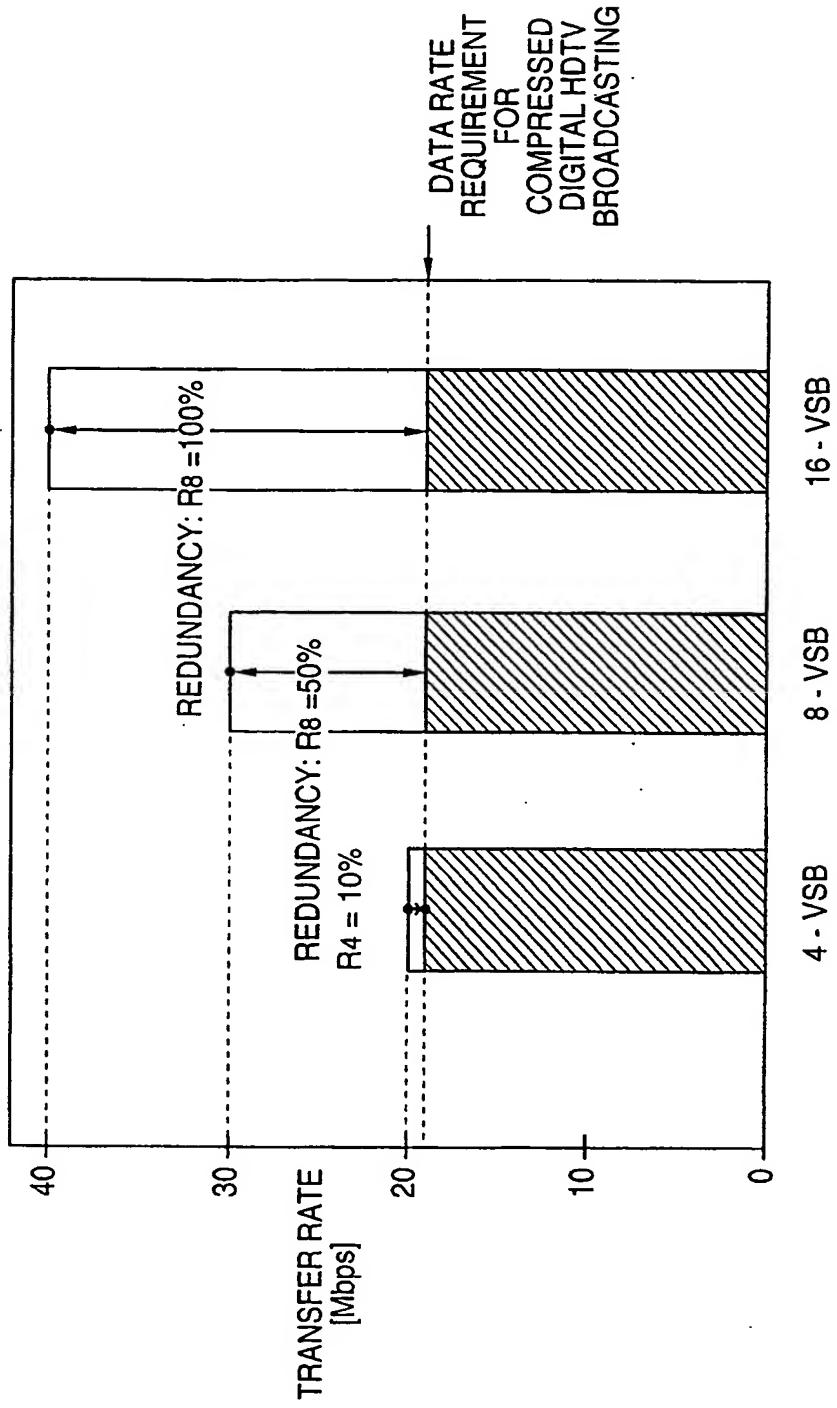


FIG. 170

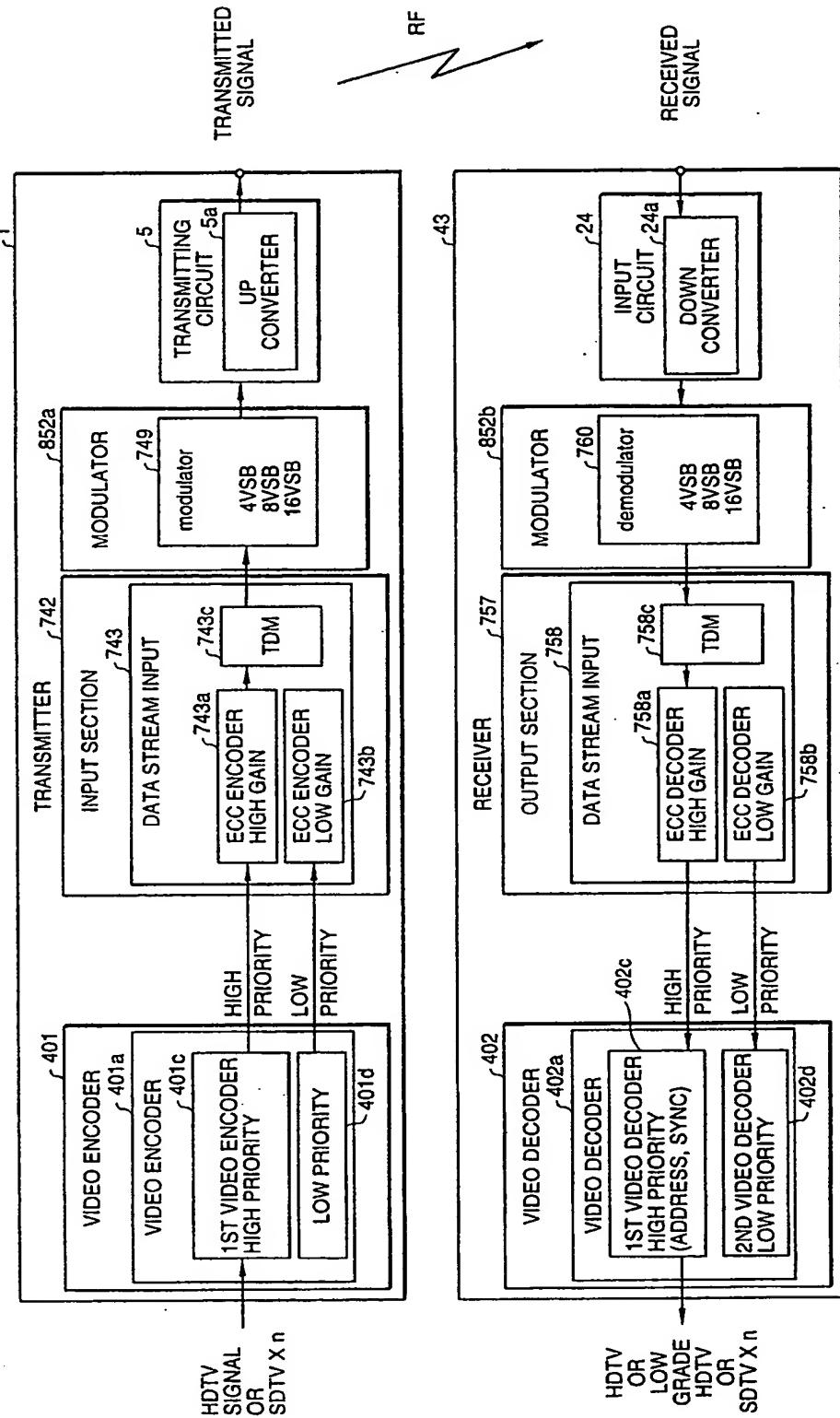


FIG. 171

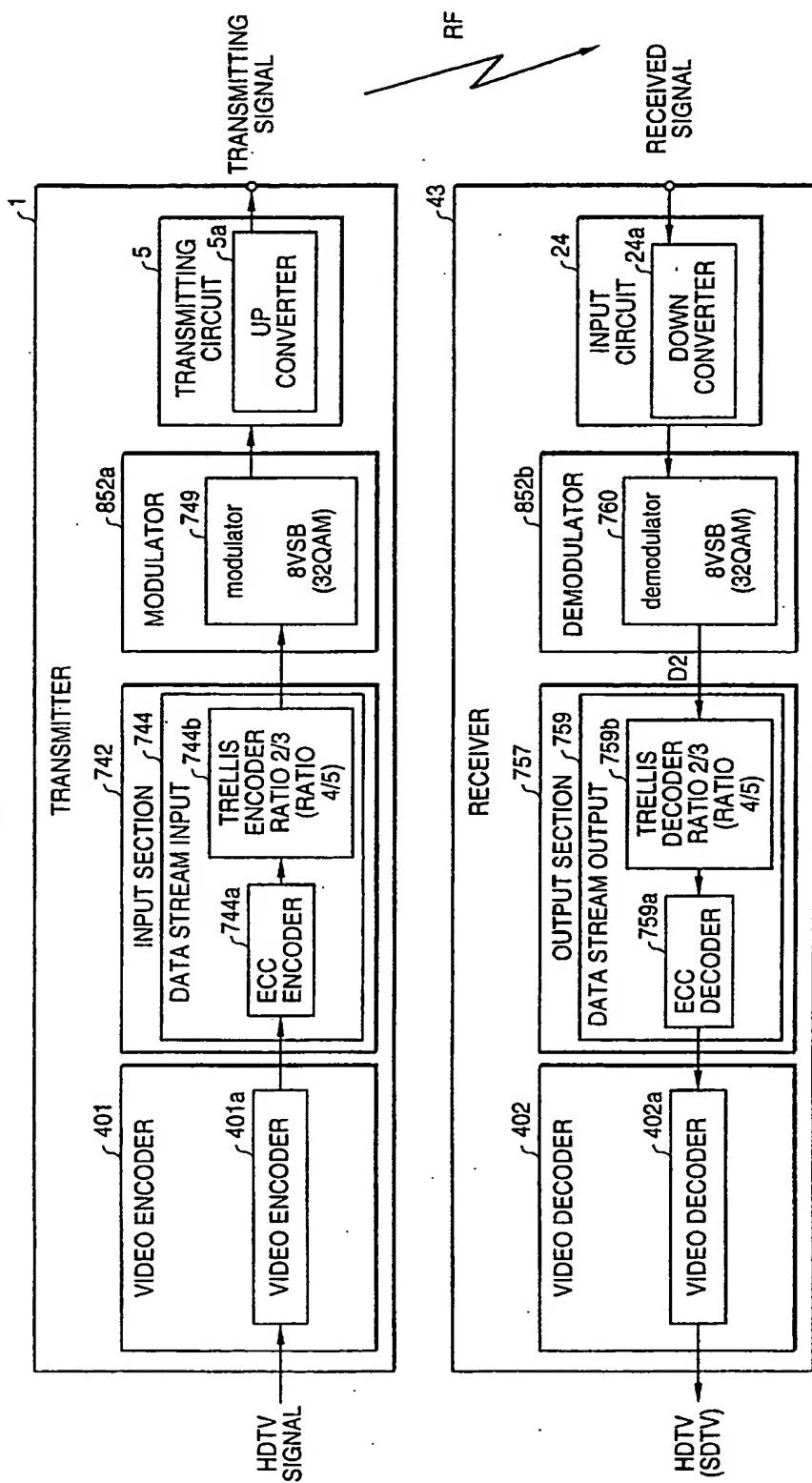
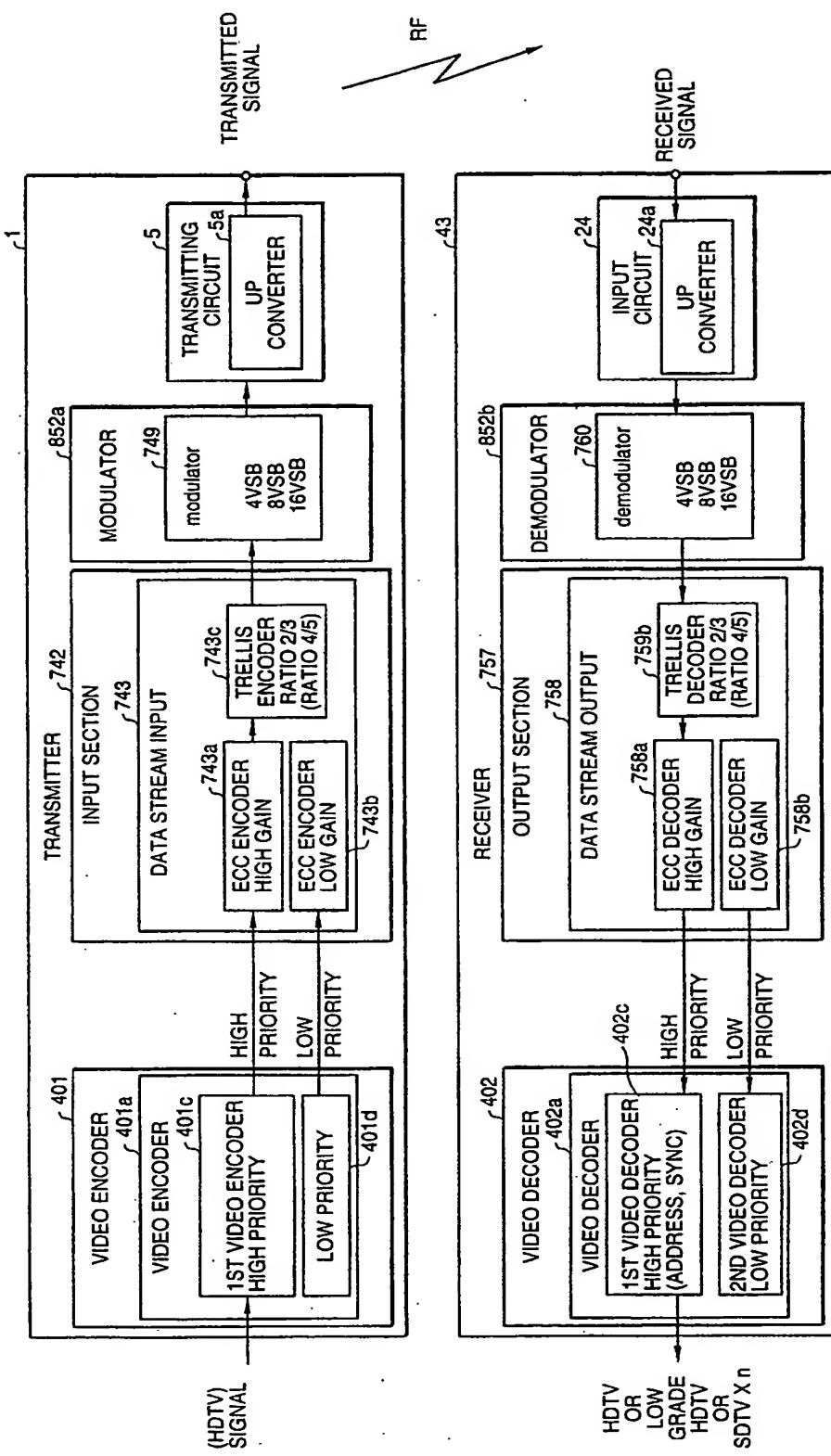


FIG. 172



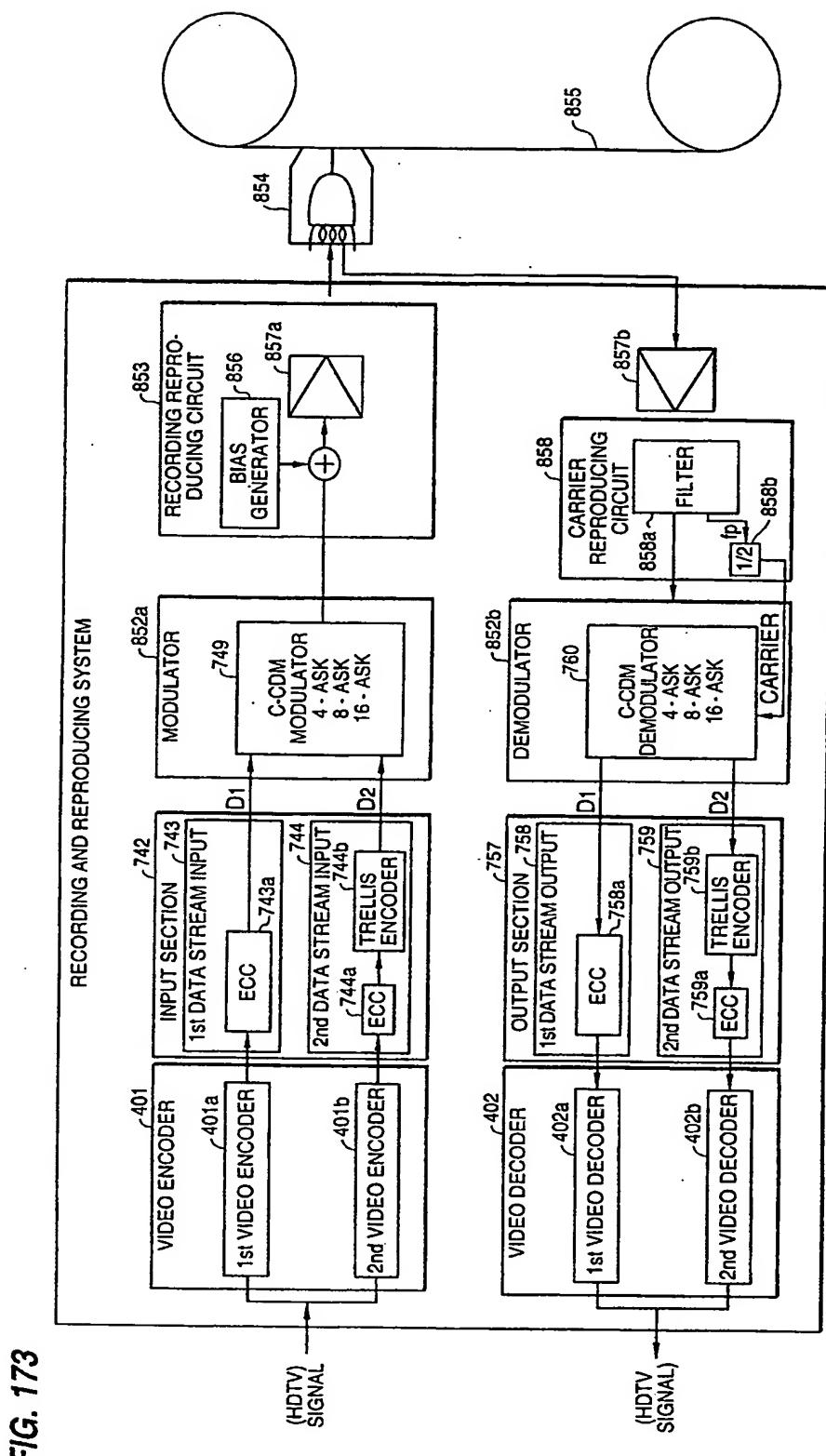


FIG. 173

FIG. 174

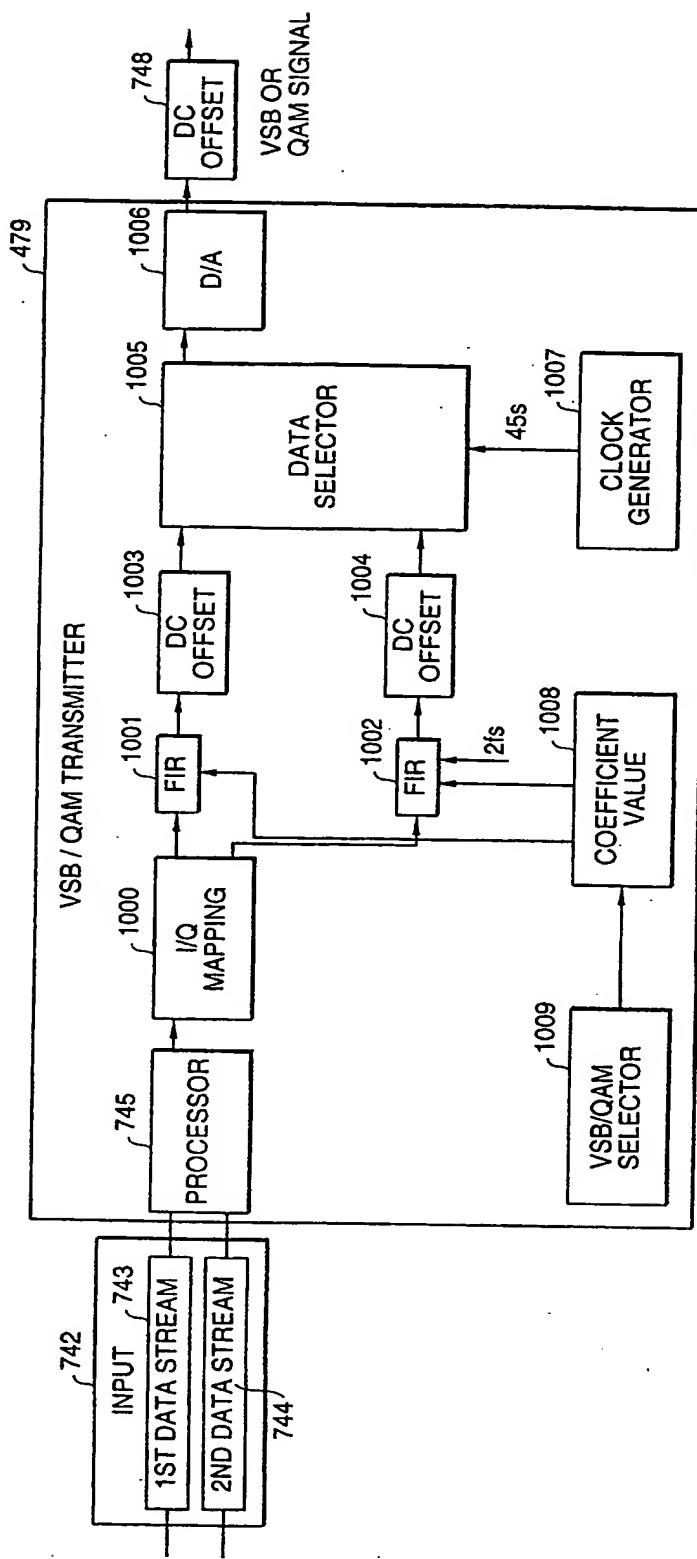


FIG. 175

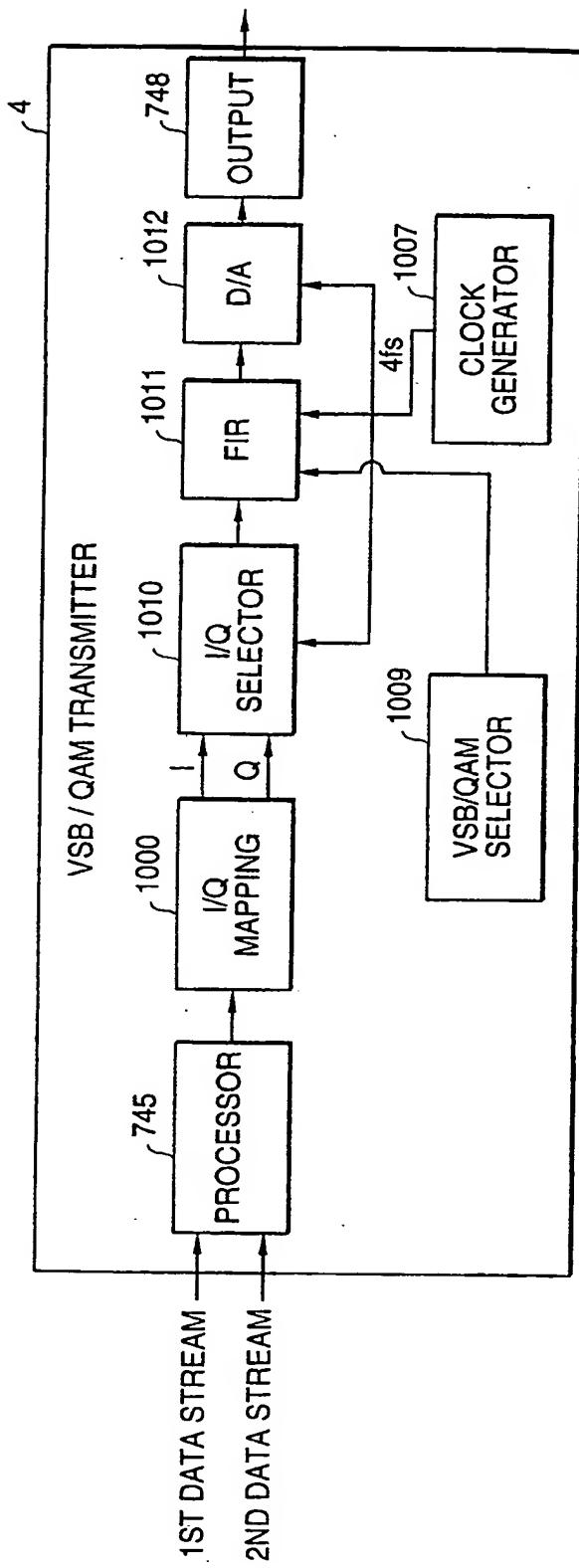


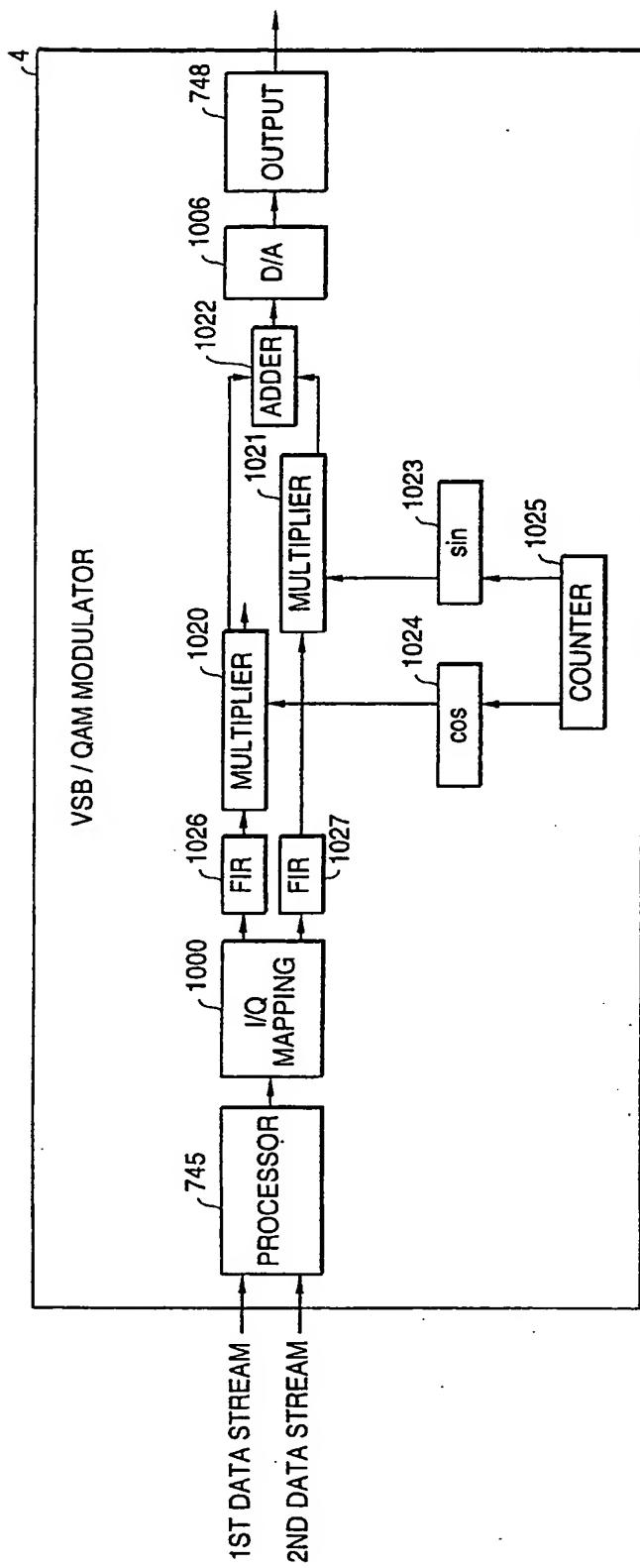
FIG. 176

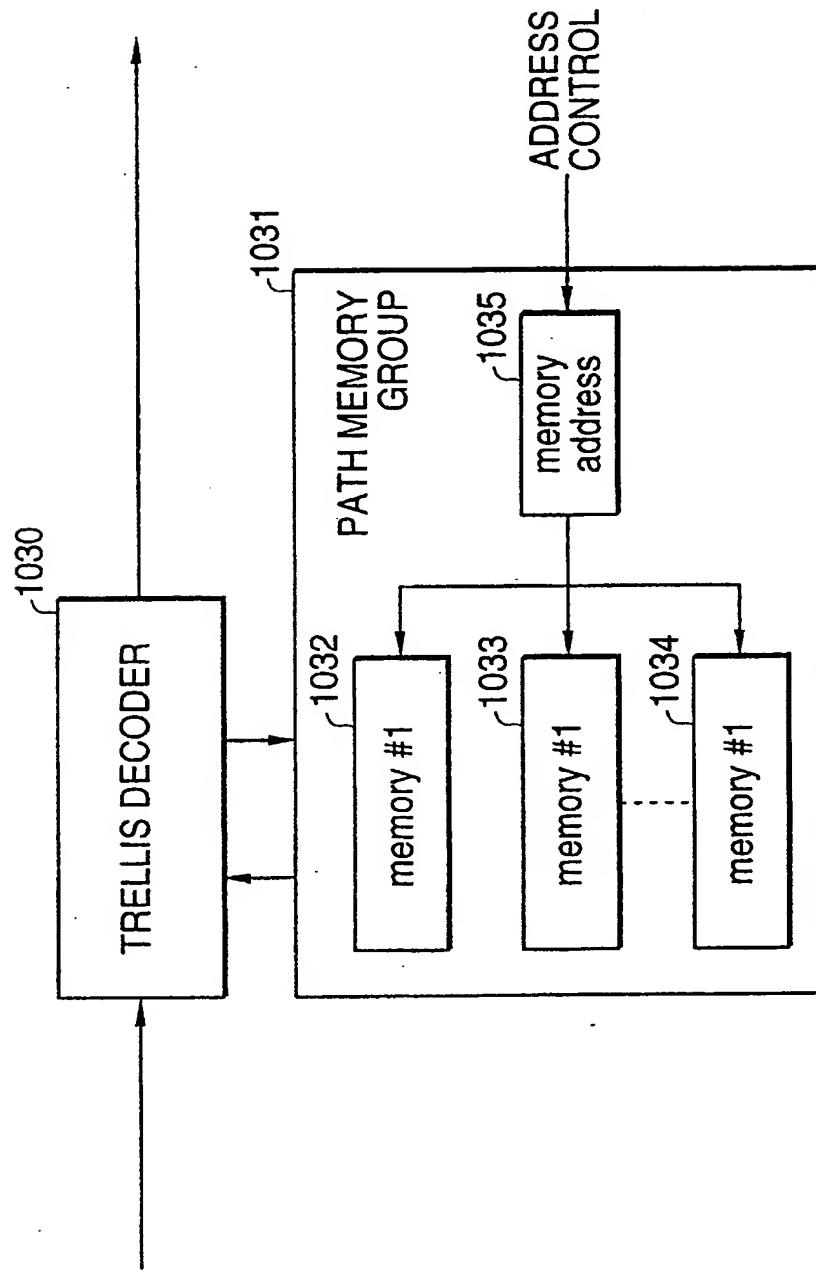
FIG. 177

FIG. 178

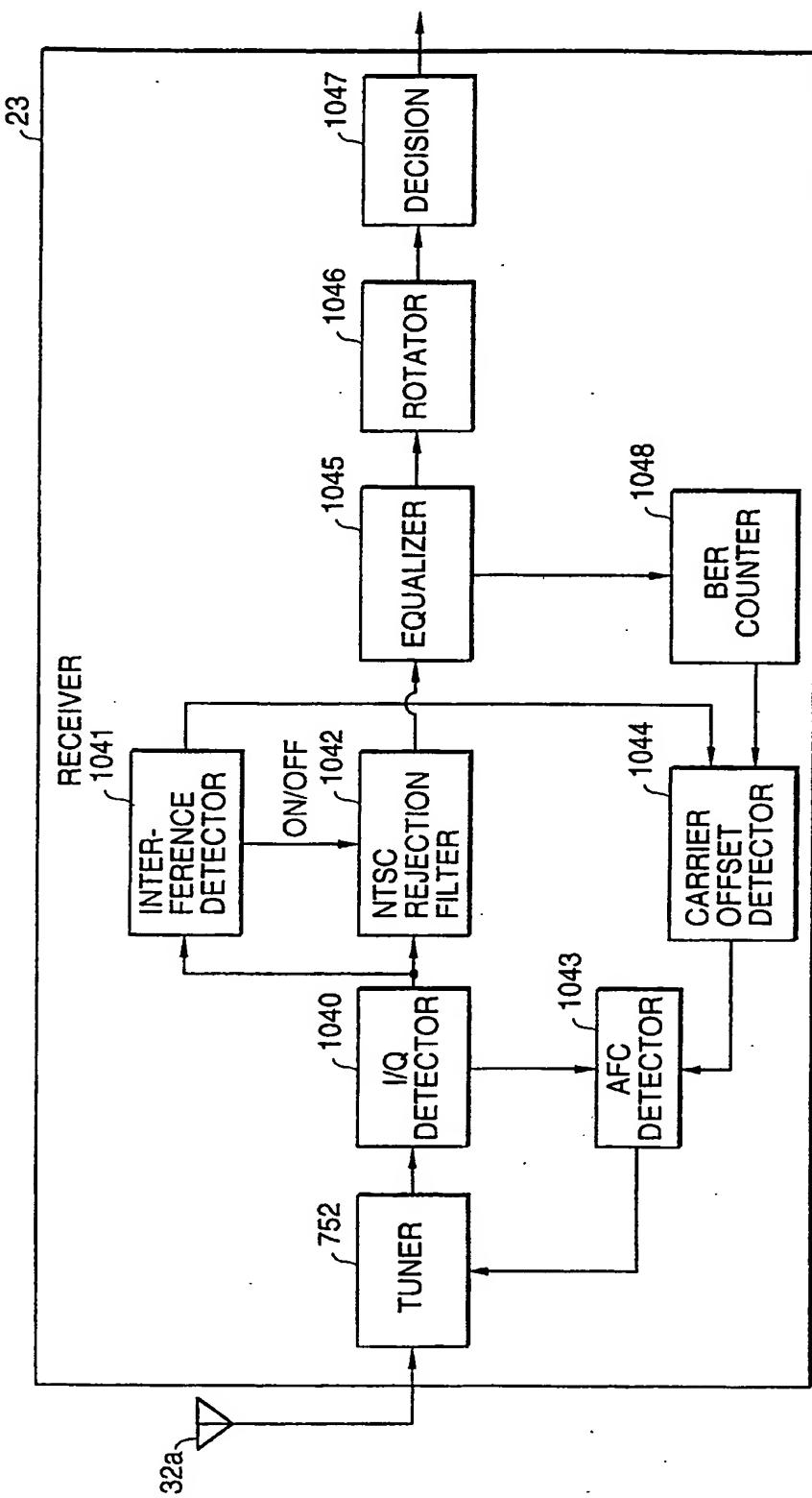


FIG. 179

